

ST. LAWRENCE SEAWAY

1988 TRAFFIC REPORT



89-03815/

THE ST. LAWRENCE SEAWAY
TRAFFIC REPORT FOR THE 1988 NAVIGATION SEASON

PREPARED BY
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AND
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Editorial Notes

The Traffic Report for the St. Lawrence Seaway is an annual publication prepared jointly by The St. Lawrence Seaway Authority and the Saint Lawrence Seaway Development Corporation. Prior to 1983, the last jointly prepared Traffic Report was published in 1976. During the interim years, separate reports were published by the two entities.

The primary contents of this report is divided into four parts:

- Part I - Table summaries of the 1988 St. Lawrence Seaway traffic activities by traffic sectors; the Montreal-Lake Ontario and the Welland Canal section.
- Part II - Table summaries of cargo and vessel movements through the St. Lawrence Seaway. These tables represent total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.
- Part III - Table summaries of cargo and vessel movements through the Montreal-Lake Ontario section of the St. Lawrence Seaway.
- Part IV - Table summaries of cargo and vessel movements through the Welland Canal section of the St. Lawrence Seaway.

As in past years, transits and gross registered tonnages for non-toll traffic are not included in this report.

Users of this report should note that all cargo and transit figures are based on the transit of at least one lock of the section of the Seaway for which statistics are given

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PART I

St. Lawrence Seaway Toll Traffic

Definitions

and 1988

Traffic Summaries

DEFINITIONS

In this report cargo quantities are recorded in metric tonnes. If required, short ton equivalences may be calculated by multiplying the metric quantities using the 1.1023 conversion factor. Historical cargo data, published in short tons prior to 1978, have been converted to metric equivalences.

For the interpretation of the tabulations contained in this traffic report the following definitions should be noted:

- a) **Bulk Cargo** - the tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- b) **Cargo Tonnes** - the tonnes of cargo carried by a vessel on each or any transit.
- c) **Coastal** - means transits to or from the Maritimes and U.S. Atlantic Ports.
- d) **Commodity** - the classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United States.
- e) **Container Cargo** - the tonnes of containerized cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- f) **Destination** - means the country in which the cargo was unloaded and/or the transit terminated.
- g) **General Cargo** - the tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- h) **Government Aid Cargo** - the tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- i) **Grain Cargo** - the tonnes of cargo assessed at the Food or Feed Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- j) **Gross Registered Tonnage** - the gross registered tonnage of a vessel according to the country of registry.
- k) **Inland** - means transits to and from inland ports connected by water routes made navigable by one or more lock structures.
- l) **Mixed cargo** - indicates that a vessel carried any combination of Grains, Government Aid, Containers, General or Bulk cargoes.

- m) **Origin** - means the country in which the cargo was loaded and/or the transit originated.
- n) **Overseas** - means transits to or from Foreign Ports beyond the Coast of Canada and the United States.
- o) **Package Freight** - in the historical tables, designates cargo consisting of miscellaneous packages generally unidentifiable as to commodity and carried only on vessels licensed by the respective Authorities in Canada and the United States. This commodity classification is no longer applicable.
- p) **Transit** - a partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway canal.
- q) **Tug and Barge Combinations** - the assessment of tolls requires tugs and barges in common transit to be considered as one unit. In this report the number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

It should be noted, in any analysis, that there is not necessarily a relationship between a specific «Commodity» classification and a «Tariff of Tolls» classification. Due to the method of packaging, handling, special refinements or other provisions, an otherwise identical commodity item, may be classified in any of the Bulk, Grains, Government Aid, Containers or General tariff of tolls categories.

TRAFFIC SUMMARY
1988

Table 1T

Traffic and Revenue	Montreal-Lake Ontario Section			Welland Canal Section		
	Tonnes and Transits	% of total	Variance % 1987	Tonnes and Transits	% of Total	Variance % 1987
TRAFFIC						
<u>Cargo Tonnes by Toll Classification:</u>						
Bulk	20 396 561	50.3	+ 17.3	24 119 789	55.4	+ 18.1
Grains	15 468 940	38.1	- 15.6	16 062 624	36.9	- 15.8
Government Aid	87 456	0.2	- 58.6	84 327	0.2	- 59.9
Containers	38 853	0.1	- 9.5	23 490	0.1	- 3.4
General Cargo	4 565 859	11.3	+ 14.1	3 246 087	7.4	+ 8.6
CARGO TONNES — TOTAL	40 557 669	100.0	+ 1.5	43 536 317	100.0	+ 1.9
<u>Gross Registered Tonnage:</u>						
Cargo Vessels	38 752 493	99.5	- 3.7	50 990 050	99.6	- 0.8
Non-Cargo Vessels	186 906	0.5	- 26.9	186 571	0.4	- 35.4
GROSS REGISTERED TONNAGE — TOTAL	38 939 399	100.0	- 3.8	51 176 621	100.0	- 1.0
<u>Vessel Transits:</u>						
Loaded Cargo Vessels	2 314	73.6	+ 1.0	2 468	63.1	+ 2.5
Ballast Cargo Vessels	568	18.1	- 13.5	1 202	30.8	- 0.9
Non-Cargo	260	8.3	- 7.1	239	6.1	- 18.7
VESSEL TRANSITS — TOTAL	3 142	100.0	- 2.6	3 909	100.0	- 0.1
<u>Additional Information:</u>						
Passengers (Number)	4 324	-	- 0.8	4	-	- 33.3
Pleasure Craft Lockages	14 975	-	+ 9.5	8 734	-	+ 2.5
Containers (T.E.U.)	3 159	-	- 16.3	1 786	-	- 24.5
REVENUE						
<u>Traffic Revenue (\$) by Toll Classification:</u>						
Bulk	16 808 409	45.0	+ 16.7	9 849 929	30.1	+ 28.2
Grains	8 040 430	21.5	- 15.6	6 689 419	20.5	- 9.1
Government Aid	45 106	0.1	- 58.9	35 417	0.1	- 56.8
Containers	32 417	0.1	- 10.8	9 866	0.0	+ 4.1
General Cargo	9 342 348	25.0	+ 14.2	2 207 339	6.7	+ 17.2
Gross Registered Tonnage	3 055 434	8.2	- 4.1	5 009 609	15.3	+ 10.2
Other	34 848	0.1	- 1.4	17 283	0.1	- 20.9
Lockage Fees	-	-	-	8 878 770	27.2	+ 9.7
TRAFFIC REVENUE — TOTAL	37 358 992	100.0	+ 5.3	32 697 632	100.0	+ 10.2

COMMODITY SUMMARY
1988

Table 2T

Summary of Major Commodities	Montreal-Lake Ontario Section			Welland Canal Section		
	Tonnes	% of Total	Variance % 1987	Tonnes	% of Total	Variance % 1987
Agricultural Products:						
Wheat	10 578 321	26.1	- 15.8	10 779 352	24.8	- 15.8
Corn	2 232 660	5.5	+ 5.5	2 436 345	5.6	+ 7.8
Rye	16 310	0.0	- 52.2	16 310	0.0	- 52.2
Oats	32 221	0.1	- 70.0	35 889	0.1	- 67.4
Barley	1 115 540	2.8	- 21.6	1 128 702	2.6	- 23.4
Soybeans	715 604	1.8	- 35.2	764 406	1.8	- 40.0
Flaxseed	258 288	0.6	- 31.1	258 288	0.6	- 31.1
Other Grains	536 862	1.3	- 11.3	660 180	1.5	- 11.3
Total Grains	15 485 806	38.2	- 15.5	16 079 472	37.0	- 15.7
Other Agricultural Products	59 542	0.1	- 54.1	58 582	0.1	- 38.1
AGRICULTURAL PRODUCTS - TOTAL	15 545 348	38.3	- 15.8	16 138 054	37.1	- 15.8
Mine Products:						
Iron Ore	10 810 682	26.6	+ 13.1	7 083 883	16.3	+ 14.6
Coal	712 945	1.8	+ 205.0	7 029 061	16.1	+ 24.5
Coke	1 466 718	3.6	+ 124.1	1 638 341	3.8	+ 99.3
Stone, Ground, Crushed, or Rough	432 528	1.1	+ 86.5	1 007 689	2.3	+ 13.3
Salt	1 027 602	2.5	+ 10.7	1 672 709	3.8	- 5.3
Other Mine Products	1 769 645	4.4	+ 9.7	1 660 772	3.8	+ 37.7
MINE PRODUCTS - TOTAL	16 220 120	40.0	+ 22.7	20 092 455	46.1	+ 21.7
Processed Products:						
Iron and Steel	4 316 733	10.6	+ 19.4	3 034 185	7.0	+ 13.4
Fuel Oil	879 438	2.2	+ 82.8	669 756	1.5	+ 17.7
Other Petroleum Products	418 290	1.0	+ 2.3	286 085	0.7	+ 9.4
Chemicals	1 036 759	2.6	+ 27.6	801 269	1.8	+ 27.7
Other Processed Products	2 037 270	5.0	- 30.0	2 455 978	5.6	- 15.1
PROCESSED PRODUCTS - TOTAL	8 688 490	21.4	+ 5.6	7 247 273	16.6	+ 3.2
Miscellaneous Cargo:						
Forest Products	30 228	0.1	+ 175.1	20 842	0.1	+ 450.6
Animal Products	73 483	0.2	+ 33.6	37 693	0.1	+ 89.4
MISCELLANEOUS CARGO - TOTAL	103 711	0.3	+ 57.2	58 535	0.2	+ 147.1
GRAND - TOTAL	40 557 669	100.0	+ 1.5	43 536 317	100.0	+ 1.9

ST. LAWRENCE SEAWAY SYSTEM
TOLL REVENUE
(DOLLARS)

Historical Table 3T

Year	Canada			United States Montreal-Lake Ontario Section	Combined (1) Canada and U.S.
	Montreal-Lake Ontario Section	Welland Canal Section	Total		
1959 (2)	\$ 7 104 283	\$ 1 221 436	\$ 8 325 719	\$ 2 942 594	\$ 11 268 313
1960	7 177 432	1 318 357	8 495 789	2 931 627	11 427 416
1961	8 099 013	1 460 451	9 559 464	3 308 047	12 867 511
1962 (3)	8 928 090	640 193	9 568 283	3 646 685	13 214 968
1963	10 736 820	-	10 736 820	4 385 462	15 122 282
1964	13 550 525	-	13 550 525	5 534 722	19 085 247
1965	15 484 399	-	15 484 399	6 324 613	21 809 012
1966	17 277 397	-	17 277 397	7 056 965	24 334 362
1967 (4)	16 315 345	913 275	17 228 620	6 034 443	23 263 063
1968	18 168 871	1 749 165	19 918 036	6 719 994	26 638 030
1969	15 663 229	2 494 075	18 157 304	5 793 249	23 950 553
1970	18 591 443	3 533 405	22 124 848	6 867 784	28 992 632
1971	20 016 608	4 331 602	24 348 210	7 390 029	31 738 239
1972	19 940 726	4 242 605	24 183 331	7 360 363	31 543 694
1973	20 362 905	4 232 455	24 595 360	7 531 486	32 126 846
1974	15 563 467	3 176 688	18 740 155	5 756 350	24 496 505
1975	16 492 316	3 720 018	20 212 334	6 099 898	26 312 232
1976	18 843 654	3 789 408	22 633 062	6 969 570	29 602 632
1977	22 461 583	4 030 938	26 492 521	8 307 708	34 800 229
1978 (5)	23 579 826	18 291 307	41 871 133	9 631 197	51 502 330
1979	25 464 676	21 241 630	46 706 306	10 401 065	57 107 371
1980	23 002 818	23 609 888	46 612 706	9 395 517	56 008 223
1981	24 432 396	23 092 629	47 525 025	9 979 429	57 504 454
1982 (6)	23 687 472	24 529 232	48 216 704	9 645 209	57 861 913
1983	26 813 636	28 144 615	54 958 251	10 867 254	65 825 505
1984	29 630 507	29 830 499	59 461 006	11 968 392	71 429 398
1985 (7)	24 558 924	23 268 763	47 827 687	9 006 703	56 834 390
1986 (8)	24 902 133	27 132 291	52 034 424	9 152 250	61 186 674
1987	25 952 068	29 676 213	55 628 281	9 529 531	65 157 812
1988	27 309 723	32 697 632	60 007 355	10 049 269	70 056 624
TOTAL	\$ 570 112 285	\$ 322 368 770	\$ 892 481 055	\$ 220 587 405	\$ 1 113 068 460

(1) Tolls are collected in Canadian and U.S. dollars as shown below. The combined total does not distinguish between currencies. Revenue data is sourced from calendar year traffic reports and will vary from annual financial reports.

(2) Montreal-Lake Ontario Revenue split, Canada 71%, U.S. 29%, 1959 through 1966.

(3) Welland Canal tolls suspended July 18, 1962.

(4) Increasing schedule of lockage charges imposed on the Welland Canal, April 1, 1967. Montreal-Lake Ontario Revenue split, Canada 73%, U.S. 27%, 1967 through 1977.

(5) System Wide 3-year phased toll increase. Welland lockage fees replaced with commodity and GRT tolls. Montreal-Lake Ontario revenue split revised to: Canada 71%, U.S. 29%.

(6) System Wide 2-year phased toll increase. Welland lockage fees reinstated with commodity and GRT tolls.

(7) Montreal-Lake Ontario revenue split revised to: Canada 73%, U.S. 27%.

(8) Increased schedule of lockage fees and toll charges imposed on the Welland Canal, April 1, 1986.

ACTUAL OPENING AND CLOSING DATES OF NAVIGATION

Historical Table 4T

Year	Montreal-Lake Ontario Section			Welland Canal Section		
	Opened	Closed	Days of Navigation	Opened	Closed	Days of Navigation
1959	April 25	December 3	223	April 6	December 15	254
1960	April 18	December 3	230	April 1	December 16	260
1961	April 15	December 7	237	April 1	December 16	260
1962	April 15	December 7	237	April 1	December 16	260
1963	April 15	December 13	243	April 1	December 18	262
1964	April 8	December 7	244	March 30	December 15	261
1965	April 8	December 17	254	April 1	December 16	260
1966	April 1	December 15	259	April 4	December 16	257
1967	April 7	December 16	254	April 1	December 16	260
1968	April 8	December 14	251	April 1	December 22	266
1969	April 7	December 15	253	April 1	December 22	266
1970	April 4	December 18	259	April 1	December 30	274
1971	April 14	December 20	251	March 29	January 8	286
1972	April 12	December 23	256	March 29	December 16	263
1973	March 28	December 22	270	March 28	January 4	283
1974	March 26	December 18	268	March 29	January 18	296
1975	March 25	December 21	272	March 25	December 31	282
1976	April 3	December 24	266	April 1	January 3	278
1977	April 4	December 26	267	April 4	December 31	272
1978	April 3	December 22	264	March 28	December 31	279
1979	April 2	December 22	265	March 28	December 29	277
1980	March 24	December 19	271	March 24	December 31	283
1981	March 25	December 20	271	March 25	December 27	278
1982	April 5	December 21	261	April 5	December 23	263
1983	March 31	December 19	264	April 5	December 27	267
1984	April 2	January 2	276	March 28	January 1	280
1985	April 1	December 30	274	April 1	December 30	274
1986	April 3	December 27	269	April 3	December 26	268
1987	March 31	December 26	271	April 1	December 28	272
1988	March 29	December 23	270	March 30	December 25	271

ACTUAL DATES

OPENING — The date the system opened for commercial navigation.

CLOSING — The date the last commercial vessel cleared the system.

PART II

St. Lawrence Seaway

Combined Toll Traffic

for both

Montreal-Lake Ontario

and

Welland Canal Section

TRAFFIC BY TYPE OF VESSEL
1988

Table 1C

ST. LAWRENCE SEAWAY

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE				
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
UPBOUND:	Cargo	1 074	669	1 743	26 172 028	14 975 287	18 344	-	31 034	4 221 003	19 245 668	36.7	32 520 942.41	46.4
	Tug and Barge	33	40	73	188 732	107 351	-	-	-	-	107 351	0.2	201 551.25	0.3
	Tanker	139	132	271	1 782 361	1 190 970	-	-	-	-	1 190 970	2.3	1 827 465.73	2.6
	Non-Cargo	34	199	233	108 513	-	-	-	-	-	-	0.0	35 001.74	0.0
	Total Up	1 280	1 040	2 320	28 251 634	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13	49.4
DOWNBOUND:	Cargo	1 507	186	1 693	25 284 253	13 680 224	16 120 168	87 456	7 819	345 096	30 240 763	57.6	32 980 098.73	47.1
	Tug and Barge	33	38	71	184 826	138 602	-	-	-	175	138 777	0.3	203 475.44	0.3
	Tanker	198	69	267	1 760 926	1 553 807	-	-	-	-	1 553 807	3.0	2 245 926.22	3.2
	Non-Cargo	34	195	229	212 540	-	-	-	-	-	-	0.0	42 162.57	0.1
	Total Down	1 772	488	2 260	27 442 545	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96	50.6
TOTAL:	Cargo	2 581	855	3 436	51 456 281	28 655 511	16 138 512	87 456	38 853	4 566 099	49 486 431	94.3	65 501 041.14	93.5
	Tug and Barge	66	78	144	373 558	245 953	-	-	-	175	246 128	0.5	405 026.69	0.6
	Tanker	337	201	538	3 543 287	2 744 777	-	-	-	-	2 744 777	5.2	4 073 391.95	5.8
	Non-Cargo	68	394	462	321 053	-	-	-	-	-	-	0.0	77 164.31	0.1
	GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1988

ST. LAWRENCE SEAWAY

Table 2C

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
CANADA:													
Cargo	602	611	1 213	13 180 243	18 344	-	-	240	13 198 827	25.2	17 569 414.95	25.1	
Tug and Barge	30	36	66	101 067	-	-	-	-	101 067	0.2	180 212.99	0.3	
Tanker	78	101	179	552 835	-	-	-	-	552 835	1.1	880 044.09	1.3	
Non-Cargo	24	177	201	-	-	-	-	-	-	0.0	25 068.16	0.0	
Total Canada	734	925	1 659	13 834 145	18 344	-	-	240	13 852 729	26.4	18 654 740.19	26.6	
U.S.A.:													
Cargo	16	9	25	151 564	-	-	-	-	151 564	0.3	150 198.15	0.2	
Tug and Barge	3	4	7	6 284	-	-	-	-	6 284	0.0	21 338.26	0.0	
Tanker	8	30	38	89 380	-	-	-	-	89 380	0.2	165 822.85	0.2	
Non-Cargo	10	21	31	-	-	-	-	-	-	0.0	9 482.06	0.0	
Total U.S.A.	37	64	101	247 228	-	-	-	-	247 228	0.5	346 841.32	0.5	
FOREIGN:													
Cargo	456	49	505	1 643 480	-	-	31 034	4 220 763	5 895 277	11.2	14 801 329.31	21.1	
Tug and Barge	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Tanker	53	1	54	548 755	-	-	-	-	548 755	1.0	781 598.79	1.1	
Non-Cargo	-	1	1	-	-	-	-	-	-	0.0	451.52	0.0	
Total Foreign	509	51	560	2 192 235	-	-	31 034	4 220 763	6 444 032	12.3	15 583 379.62	22.2	
Total Up	1 280	1 040	2 320	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13	49.4	
DOWNBOUND:													
CANADA:													
Cargo	627	88	715	2 568 375	10 377 881	3 129	5 981	136 072	13 091 438	24.9	15 066 614.28	21.5	
Tug and Barge	16	26	42	75 985	-	-	-	-	75 985	0.1	97 069.26	0.1	
Tanker	180	27	207	1 484 440	-	-	-	-	1 484 440	2.8	1 957 601.08	2.8	
Non-Cargo	24	148	172	-	-	-	-	-	-	0.0	22 803.75	0.0	
Total Canada	847	289	1 136	4 128 800	10 377 881	3 129	5 981	136 072	14 651 863	27.9	17 144 088.37	24.5	
U.S.A.:													
Cargo	880	98	978	11 111 849	5 742 287	84 327	1 838	209 024	17 149 325	32.7	17 913 484.45	25.6	
Tug and Barge	17	12	29	62 617	-	-	-	175	62 792	0.1	106 406.18	0.2	
Tanker	18	42	60	69 367	-	-	-	-	69 367	0.1	288 325.14	0.4	
Non-Cargo	10	47	57	-	-	-	-	-	-	0.0	19 358.82	0.0	
Total U.S.A.	925	199	1 124	11 243 833	5 742 287	84 327	1 838	209 199	17 281 484	32.9	18 327 574.59	26.2	
Total Down	1 772	488	2 260	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96	50.6	
TOTALS:													
CANADA:	1 581	1 214	2 795	17 962 945	10 396 225	3 129	5 981	136 312	28 504 592	54.3	35 798 828.56	51.1	
U.S.A.:	962	263	1 225	11 491 061	5 742 287	84 327	1 838	209 199	17 528 712	33.4	18 674 415.91	26.7	
FOREIGN:	509	51	560	2 192 235	-	-	31 034	4 220 763	6 444 032	12.3	15 583 379.62	22.2	
GRAND TOTAL	3 052	1 528	4 580	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0	

TRAFFIC BY CLASS AND TYPE OF VESSEL
1988

Table 3C

ST. LAWRENCE SEAWAY

CLASS AND TYPE OF VESSEL	VESSEL TRANSIT			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
OCEAN:				7 870 711									
Cargo	468	92	560	1 773 257	-	-	-	31 034	4 195 291	5 999 582	11.4	15 021 906.51	21.4
Tanker	69	10	79	711 946	666 166	-	-	-	-	666 166	1.3	900 182.85	1.3
Total Ocean	537	102	639	8 582 657	2 439 423	-	-	31 034	4 195 291	6 665 748	12.7	15 922 089.36	22.7
LAKER:													
Cargo	606	577	1 183	18 301 317	13 202 030	18 344	-	-	25 712	13 246 086	25.2	17 499 035.90	25.0
Tug and Barge	33	37	70	178 961	107 351	-	-	-	-	107 351	0.2	193 792.47	0.3
Tanker	70	122	192	1 070 415	524 804	-	-	-	-	524 804	1.0	927 282.88	1.3
Total Laker	709	736	1 445	19 550 693	13 834 185	18 344	-	-	25 712	13 878 241	26.4	18 620 111.25	26.6
ALL OTHER:													
Cargo	34	202	236	118 284	-	-	-	-	-	-	0.0	42 760.52	0.1
Total Upbound	1 280	1 040	2 320	28 251 634	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13	49.4
DOWNBOUND:													
OCEAN:				7 474 795									
Cargo	452	86	538	1 593 072	4 514 510	87 456	7 819	339 926	6 542 783	12.5	9 583 790.77	13.7	
Tanker	52	26	78	706 110	460 449	-	-	-	460 449	0.9	759 549.49	1.1	
Total Ocean	504	112	616	8 180 905	2 053 521	4 514 510	87 456	7 819	339 926	7 003 232	13.3	10 343 340.26	14.8
LAKER:													
Cargo	1 055	100	1 155	17 809 458	12 087 152	11 605 658	-	5 170	23 697 980	45.2	23 396 307.96	33.4	
Tug and Barge	30	38	68	175 055	125 970	-	-	175	126 145	0.2	177 514.02	0.3	
Tanker	46	43	89	1 054 816	1 093 358	-	-	-	1 093 358	2.1	1 486 376.73	2.1	
Total Laker	1 231	181	1 412	19 039 329	13 306 480	11 605 658	-	5 345	24 917 483	47.5	25 060 198.71	35.8	
ALL OTHER:													
Cargo	37	195	232	222 311	12 632	-	-	-	-	12 632	0.0	68 123.99	0.1
Total Downbound	1 772	488	2 260	27 442 545	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96	50.6
TOTALS:													
OCEAN:				15 345 506									
Cargo	920	178	1 098	3 366 329	4 514 510	87 456	38 853	4 535 217	12 542 365	23.9	24 605 697.28	35.1	
Tanker	121	36	157	1 418 056	1 126 615	-	-	-	1 126 615	2.1	1 659 732.34	2.4	
Total Ocean	1 041	214	1 255	16 763 562	4 492 944	4 514 510	87 456	38 853	4 535 217	13 668 980	26.0	26 265 429.62	37.5
LAKER:													
Cargo	1 661	677	2 338	36 110 775	25 289 182	11 624 002	-	30 882	36 944 066	70.4	40 895 343.86	58.4	
Tug and Barge	63	75	138	354 016	233 321	-	-	175	233 496	0.4	371 306.49	0.5	
Tanker	216	165	381	2 125 231	1 618 162	-	-	-	1 618 162	3.1	2 413 659.61	3.4	
Total Laker	1 940	917	2 857	38 590 022	27 140 665	11 624 002	-	31 057	38 795 724	73.9	43 680 309.96	62.4	
ALL OTHER:													
Cargo	71	397	468	340 595	12 632	-	-	-	-	12 632	0.0	110 884.51	0.2
GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1988

ST. LAWRENCE SEAWAY

Table 4C

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
UPBOUND:												
OVERSEAS:												
Cargo	456	49	505	7 110 082	1 643 747	-	-	31 034	4 203 992	5 878 773	11.2	14 801 329.31
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Tanker	53	1	54	529 278	551 046	-	-	-	-	551 046	1.1	781 598.79
Total Overseas	509	50	559	7 639 360	2 194 793	-	-	31 034	4 203 992	6 429 819	12.3	15 582 928.10
INLAND:												
Cargo	582	615	1 197	18 451 342	12 694 974	18 344	-	-	17 011	12 730 329	24.3	17 248 909.78
Tug and Barge	31	36	67	174 671	103 290	-	-	-	-	103 290	0.2	186 246.01
Tanker	78	118	196	1 094 430	550 544	-	-	-	-	550 544	1.0	921 105.10
Total Inland	691	769	1 460	19 720 443	13 348 808	18 344	-	-	17 011	13 384 163	25.5	18 356 260.89
COASTAL:												
Cargo	36	5	41	610 604	636 566	-	-	-	-	636 566	1.2	470 703.32
Tug and Barge	2	4	6	14 061	4 061	-	-	-	-	4 061	0.0	15 305.24
Tanker	8	13	21	158 653	89 380	-	-	-	-	89 380	0.2	124 761.84
Total Coastal	46	22	68	783 318	730 007	-	-	-	-	730 007	1.4	610 770.40
NON-CARGO:												
Tug	-	127	127	23 018	-	-	-	-	-	-	0.0	7 599.11
All Other	34	72	106	85 495	-	-	-	-	-	-	0.0	27 402.63
Total Non-Cargo	34	199	233	108 513	-	-	-	-	-	-	0.0	35 001.74
Total Upbound	1 280	1 040	2 320	28 251 634	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13
DOWNBOUND:												
OVERSEAS:												
Cargo	451	43	494	7 049 260	1 586 026	4 560 378	83 965	7 819	339 739	6 577 927	12.5	9 500 794.78
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Tanker	38	9	47	472 778	344 979	-	-	-	-	344 979	0.7	602 086.35
Total Overseas	489	52	541	7 522 038	1 931 005	4 560 378	83 965	7 819	339 739	6 922 906	13.2	10 102 881.13
INLAND:												
Cargo	1 035	130	1 165	17 802 432	12 052 219	11 267 575	-	-	5 357	23 325 151	44.4	23 020 996.61
Tug and Barge	29	36	65	170 765	123 796	-	-	-	175	123 971	0.2	171 265.28
Tanker	142	56	198	1 115 396	1 067 330	-	-	-	-	1 067 330	2.0	1 456 799.09
Total Inland	1 206	222	1 428	19 088 593	13 243 345	11 267 575	-	-	5 532	24 516 452	46.7	24 649 060.98
COASTAL:												
Cargo	21	13	34	432 561	41 979	292 215	3 491	-	-	337 685	0.6	458 307.34
Tug and Barge	4	2	6	14 061	14 806	-	-	-	-	14 806	0.0	32 210.16
Tanker	18	4	22	172 752	141 498	-	-	-	-	141 498	0.3	187 040.78
Total Coastal	43	19	62	619 374	198 283	292 215	3 491	-	-	493 989	0.9	677 558.28
NON-CARGO:												
Tug	-	99	99	17 893	-	-	-	-	-	-	0.0	5 843.80
All Other	34	96	130	194 647	-	-	-	-	-	-	0.0	36 318.77
Total Non-Cargo	34	195	229	212 540	-	-	-	-	-	-	0.0	42 162.57
Total Downbound	1 772	488	2 260	27 442 545	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96
GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09

TRAFFIC BY ORIGIN AND DESTINATION
1988

ST. LAWRENCE SEAWAY

Tableau 5C

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Canada - Canada	282	525	807	7 782 432	6 700 758	18 344	-	-	-	6 719 102	12.8	6 731 666.01	9.6
Canada - U.S.A.	452	400	852	12 255 273	7 133 387	-	-	-	240	7 133 627	13.6	11 923 074.18	17.0
Foreign - Canada	156	14	170	2 249 319	1 259 548	-	-	9 509	1 552 797	2 821 854	5.4	3 629 643.53	5.2
Total Canada	890	939	1 829	22 287 024	15 093 693	18 344	-	9 509	1 553 037	16 674 583	31.8	22 284 383.72	31.8
U.S.A. - Canada	19	39	58	414 814	225 923	-	-	-	-	225 923	0.4	272 528.53	0.4
U.S.A. - U.S.A.	18	25	43	154 111	21 305	-	-	-	-	21 305	0.0	74 312.79	0.1
Foreign - U.S.A.	353	37	390	5 395 685	932 687	-	-	21 525	2 667 966	3 622 178	6.9	11 953 736.09	17.1
Total U.S.A.	390	101	491	5 964 610	1 179 915	-	-	21 525	2 667 966	3 869 406	7.4	12 300 577.41	17.6
Total Upbound	1 280	1 040	2 320	28 251 634	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13	49.4
DOWNBOUND:													
Canada - Canada	647	252	899	9 345 307	2 767 160	9 305 329	-	-	-	12 072 489	23.0	14 036 912.52	20.0
Canada - U.S.A.	46	7	53	353 009	434 999	-	-	-	-	434 999	0.8	392 087.91	0.6
Canada - Foreign	154	30	184	2 373 449	926 641	1 072 552	3 129	5 981	136 072	2 144 375	4.1	2 715 087.94	3.9
Total Canada	847	289	1 136	12 071 765	4 128 800	10 377 881	3 129	5 981	136 072	14 651 863	27.9	17 144 088.37	24.5
U.S.A. - Canada	568	140	708	10 030 632	10 207 059	2 250 405	-	-	7 203	12 464 667	23.8	10 833 998.92	15.5
U.S.A. - U.S.A.	22	36	58	185 872	64 567	-	-	-	-	64 567	0.1	105 327.52	0.2
U.S.A. - Foreign	335	23	358	5 154 276	972 207	3 491 862	84 327	1 838	201 996	4 752 250	9.1	7 388 248.15	10.5
Total U.S.A.	925	199	1 124	15 370 780	11 243 833	5 742 287	84 327	1 838	209 199	17 281 484	32.9	18 327 574.59	26.2
Total Downbound	1 772	488	2 260	27 442 545	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96	50.6
TOTALS:													
Canada - Canada	929	777	1 706	17 127 739	9 467 918	9 323 673	-	-	-	18 791 591	35.8	20 768 578.53	29.6
Canada - U.S.A.	498	407	905	12 608 282	7 568 386	-	-	-	240	7 568 626	14.4	12 315 162.09	17.6
Canada - Foreign	154	30	184	2 373 449	926 641	1 072 552	3 129	5 981	136 072	2 144 375	4.1	2 715 087.94	3.9
Foreign - Canada	156	14	170	2 249 319	1 259 548	-	-	9 509	1 552 797	2 821 854	5.4	3 629 643.53	5.2
Total Canada	1 737	1 228	2 965	34 358 789	19 222 493	10 396 225	3 129	15 490	1 689 109	31 326 446	59.7	39 428 472.09	56.3
U.S.A. - Canada	587	179	766	10 445 446	10 432 982	2 250 405	-	-	7 203	12 690 590	24.2	11 106 527.45	15.9
U.S.A. - U.S.A.	40	61	101	339 983	85 872	-	-	-	-	85 872	0.2	179 640.31	0.3
U.S.A. - Foreign	335	23	358	5 154 276	972 207	3 491 882	84 327	1 838	201 996	4 752 250	9.1	7 388 248.15	10.5
Foreign - U.S.A.	353	37	390	5 395 685	932 687	-	-	21 525	2 667 966	3 622 178	6.9	11 953 736.09	17.1
Total U.S.A.	1 315	300	1 615	21 335 390	12 423 748	5 742 287	84 327	23 363	2 877 165	21 150 890	40.3	30 628 152.00	43.7
GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1988

Table 6C

ST. LAWRENCE SEAWAY

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Bulk	906	-	906	11 983 249	16 057 173	-	-	-	-	16 057 173	30.6	19 099 993.97	27.3
Grains	2	-	2	15 103	-	18 344	-	-	-	18 344	0.0	18 405.58	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	2	-	2	15 749	-	-	-	3 444	-	3 444	0.0	7 799.70	0.0
General	258	-	258	3 702 262	-	-	-	-	3 370 204	3 370 204	6.4	9 674 664.44	13.8
Mixed	78	-	78	1 157 553	216 435	-	-	-	850 799	1 094 824	2.1	2 841 338.73	4.1
Passengers	34	-	34	12 209	-	-	-	-	-	-	0.0	13 423.96	0.0
In Ballast - Overseas	-	50	50	683 481	-	-	-	-	-	-	0.0	216 893.99	0.3
- Inland	-	769	769	10 463 555	-	-	-	-	-	-	0.0	2 647 720.49	3.8
- Coastal	-	22	22	122 169	-	-	-	-	-	-	0.0	43 142.49	0.1
- Non-Cargo	-	199	199	96 304	-	-	-	-	-	-	0.0	21 577.78	0.0
Total Upbound	1 280	1 040	2 320	28 251 634	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13	49.4
DOWNBOUND:													
Bulk	861	-	861	11 685 598	15 212 262	-	-	-	-	15 212 262	29.0	14 549 420.34	20.8
Grains	680	-	680	10 337 917	-	13 934 584	-	-	-	13 934 584	26.6	16 313 940.64	23.3
Government Aid	2	-	2	18 066	-	-	14 920	-	-	14 920	0.0	22 716.68	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	38	-	38	383 869	-	-	-	-	279 154	279 154	0.5	845 888.51	1.2
Mixed	157	-	157	2 239 775	160 371	-	72 536	7 819	66 117	2 492 427	4.7	3 196 426.29	4.6
Passengers	34	-	34	12 209	-	-	-	-	-	-	0.0	14 613.96	0.0
In Ballast - Overseas	-	52	52	574 862	-	-	-	-	-	-	0.0	133 748.74	0.2
- Inland	-	222	222	1 777 652	-	-	-	-	-	-	0.0	326 566.16	0.5
- Coastal	-	19	19	212 266	-	-	-	-	-	-	0.0	40 793.03	0.1
- Non-Cargo	-	195	195	200 331	-	-	-	-	-	-	0.0	27 548.61	0.0
Total Downbound	1 772	488	2 260	27 442 545	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96	50.6
TOTALS:													
Bulk	1 767	-	1 767	23 668 847	31 269 435	-	-	-	-	31 269 435	59.6	33 649 414.31	48.0
Grains	682	-	682	10 353 020	-	13 952 928	-	-	-	13 952 928	26.6	16 332 346.22	23.3
Government Aid	2	-	2	18 066	-	-	14 920	-	-	14 920	0.0	22 716.68	0.0
Containers	2	-	2	15 749	-	-	-	3 444	-	3 444	0.0	7 799.70	0.0
General	296	-	296	4 086 131	-	-	-	-	3 649 358	3 649 358	7.0	10 520 552.95	15.0
Mixed	235	-	235	3 397 328	376 806	-	72 536	35 409	916 916	3 587 251	6.8	6 037 765.02	8.6
Passengers	68	-	68	24 418	-	-	-	-	-	-	0.0	28 037.92	0.0
In Ballast - Overseas	-	102	102	1 258 343	-	-	-	-	-	-	0.0	350 642.73	0.5
- Inland	-	991	991	12 241 207	-	-	-	-	-	-	0.0	2 974 286.65	4.2
- Coastal	-	41	41	334 435	-	-	-	-	-	-	0.0	83 935.52	0.1
- Non-Cargo	-	394	394	296 635	-	-	-	-	-	-	0.0	49 126.39	0.1
GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1988

UPBOUND

Table 7C Part A

ST. LAWRENCE SEAWAY

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
OVERSEAS:													
Bulk	173	-	173	2 096 722	-	-	-	-	-	1 978 358	3.8	2 896 740.24	4.1
Grains	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	2	-	2	15 749	-	-	3 444	-	-	3 444	0.0	7 799.70	0.0
General	256	-	256	3 685 855	-	-	-	3 353 193	-	3 353 193	6.4	9 620 155.44	13.7
Mixed	78	-	78	1 157 553	-	-	-	850 799	-	1 094 824	2.1	2 841 338.73	4.1
In Ballast	-	50	50	683 481	-	-	-	27 590	-	-	0.0	216 893.99	0.3
Total Overseas	509	50	559	7 639 360	-	-	31 034	4 203 992	6 429 819	12.3	15 582 928.10	22.2	
INLAND:													
Bulk	687	-	687	9 225 378	-	-	-	-	-	13 348 808	25.4	15 635 625.82	22.3
Grains	2	-	2	15 103	18 344	-	-	-	-	18 344	0.0	18 405.58	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	2	-	2	16 407	-	-	-	17 011	-	17 011	0.0	54 509.00	0.1
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast	-	769	769	10 463 555	-	-	-	-	-	-	0.0	2 647 720.49	3.8
Total Inland	691	769	1 460	19 720 443	18 344	-	-	17 011	13 384 163	25.5	18 356 260.89	26.2	
COASTAL:													
Bulk	46	-	46	661 149	-	-	-	-	-	730 007	1.4	567 627.91	0.8
Grains	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast	-	22	22	122 169	-	-	-	-	-	-	0.0	43 142.49	0.1
Total Coastal	46	22	68	783 318	730 007	-	-	-	730 007	1.4	610 770.40	0.9	
NON-CARGO:	34	199	233	108 513	-	-	-	-	-	-	0.0	35 001.74	0.0
TOTAL UPBOUND	1 280	1 040	2 320	28 251 634	16 273 608	18 344	-	31 034	4 221 003	20 543 989	39.1	34 584 961.13	49.4

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1988

DOWNBOUND

Table 7C Part B

ST. LAWRENCE SEAWAY													
TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
			Total										
OVERSEAS:	144	-	144	1 748 538	1 776 970	-	-	-	-	1 776 970	3.4	2 845 967.61	4.1
	215	-	215	3 508 668	-	3 711 703	-	-	-	3 711 703	7.1	4 687 956.92	6.7
	2	-	2	18 066	-	14 929	-	-	-	14 920	0.0	22 716.68	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	34	-	34	374 879	-	-	-	-	277 308	277 308	0.5	835 242.25	1.2
	94	-	94	1 297 025	154 035	848 675	69 045	7 819	62 431	1 142 005	2.2	1 577 248.93	2.3
	-	52	52	574 862	-	-	-	-	-	-	0.0	133 748.74	0.2
Total Overseas	489	52	541	7 522 038	1 931 005	4 560 378	83 965	7 819	339 739	6 922 906	13.2	10 102 881.13	14.4
INLAND:	693	-	693	9 765 888	13 237 009	-	-	-	-	13 237 009	25.2	12 433 653.68	16.3
	458	-	458	6 759 046	-	10 133 768	-	-	-	10 133 768	19.3	11 515 686.88	16.4
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	4	-	4	8 990	-	-	-	-	1 846	1 846	0.0	10 646.26	0.0
	51	-	51	777 017	6 336	1 133 807	-	-	3 686	1 143 829	2.2	1 362 508.00	1.9
	-	222	222	1 777 652	-	-	-	-	-	-	0.0	326 566.16	0.5
Total Inland	1 206	222	1 428	19 088 593	13 243 345	11 267 575	-	-	5 532	24 516 452	46.7	24 649 060.98	35.2
COASTAL:	24	-	24	171 172	198 283	-	-	-	-	198 283	0.4	269 799.05	0.4
	7	-	7	70 203	-	89 113	-	-	-	89 113	0.2	110 296.84	0.2
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	12	-	12	165 733	-	-	-	-	-	-	0.0	256 669.36	0.4
	-	19	19	212 266	-	203 102	3 491	-	-	206 593	0.4	40 793.03	0.1
Total Coastal	43	19	62	619 374	198 283	292 215	3 491	-	493 989	0.9	677 558.28	1.0	
NON-CARGO:	34	195	229	212 540	-	-	-	-	-	-	0.9	42 162.57	0.1
TOTAL DOWNBOUND	1 772	488	2 260	27 442 545	15 372 633	16 120 168	87 456	7 819	345 271	31 933 347	60.9	35 471 662.96	50.6
GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1988

Table 8C

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
Canada	1 901	1 149	3 050	37 747 859	26 416 079	11 616 211	-	-	39 913	38 072 203	72.5	43 216 450.41	61.7
United States	108	155	263	1 131 425	709 503	17 842	1 363	-	177	728 885	1.4	558 828.52	0.8
England	9	1	10	206 532	60 346	74 082	-	-	49 287	183 715	0.4	344 032.99	0.5
Baltic Countries	-	-	-	-	-	-	-	-	-	-	-	0.00	0.0
Belgium	8	1	9	194 949	1 376	101 496	-	2 028	88 235	193 135	0.4	372 489.61	0.5
Denmark	3	3	6	36 582	14 017	-	-	-	1 868	15 885	0.0	43 748.85	0.1
Norway	1	1	2	15 112	8 726	-	-	-	-	8 726	0.0	2 587.81	0.0
Sweden	10	2	12	74 550	39 834	2 000	3 371	-	29 728	74 933	0.1	181 711.65	0.3
Finland	4	-	4	49 540	1 241	9 025	-	-	19 831	30 097	0.1	84 193.71	0.1
France	6	2	8	133 956	-	50 578	-	-	44 376	94 954	0.2	178 659.85	0.3
West Germany	2	4	6	42 353	-	-	-	-	3 712	3 712	0.0	21 196.68	0.0
Greece	94	18	112	1 609 303	370 670	405 450	8 602	1 967	517 892	1 304 581	2.5	2 649 638.61	3.8
Italy	3	4	7	107 653	16 400	16 424	-	-	15 650	49 474	0.1	85 788.32	0.1
Poland	43	14	57	943 514	17 259	486 506	-	-	245 103	748 868	1.4	1 410 588.73	2.0
Russia	22	12	34	343 948	-	91 719	-	215	15 881	107 815	0.2	275 536.74	0.4
Spain	22	4	26	165 624	139 173	16 069	-	-	30 053	185 295	0.4	326 219.80	0.5
Yugoslavia	78	11	89	1 521 635	393 202	475 924	-	428	391 437	1 260 991	2.4	2 334 056.15	3.3
Iceland	10	-	10	43 728	59 174	-	-	-	-	59 174	0.1	110 222.02	0.2
Cuba	6	2	8	124 432	42 457	40 641	-	-	-	83 098	0.2	105 675.36	0.2
Panama	186	41	227	2 955 811	759 305	821 342	20 520	1 752	810 175	2 413 094	4.6	4 665 900.10	6.7
West Indies	16	4	20	145 421	-	48 191	-	3 521	74 947	126 659	0.2	309 451.09	0.4
British W. Indies and Bermuda	73	26	99	952 257	384 580	120 677	-	-	197 113	702 370	1.3	1 330 826.02	1.9
Central America	-	1	1	496	-	-	-	-	-	-	0.0	2 174.00	0.0
Brazil	2	-	2	28 300	-	-	-	2 538	694	3 232	0.0	5 850.94	0.0
Venezuela	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Peru	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
China (Nationalist)	2	-	2	21 716	4 904	-	-	-	2 840	7 744	0.0	23 358.56	0.0
India	26	3	29	480 742	139 456	166 588	-	-	131 215	437 259	0.8	812 368.81	1.2
Japan	14	-	14	247 770	104 494	36 783	-	955	103 013	245 245	0.5	528 906.53	0.8
Middle East	142	31	173	2 430 007	474 706	734 828	26 160	5 604	839 196	2 080 494	4.0	4 024 305.31	5.7
Israel	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Turkey	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other Asia	65	12	77	965 312	424 747	166 569	16 641	27	153 546	761 530	1.5	1 381 995.86	2.0
Liberia	176	19	195	2 666 871	1 041 004	551 127	6 687	19 603	670 254	2 288 675	4.4	4 220 327.86	6.0
Algeria	3	2	5	48 840	-	-	-	215	7 548	7 763	0.0	34 482.49	0.0
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other	17	6	23	257 941	23 588	88 440	4 112	-	81 590	197 730	0.4	415 050.71	0.6
GRAND TOTAL	3 052	1 528	4 580	55 694 179	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0	70 056 624.09	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1988

Table 9C

ST LAWRENCE SEAWAY

COMMODITY	CARGO TONNES						% OF
	Bulk	Grains	Govt. Aid	Containers	General	Total	TOTAL
Wheat	-	10 816 240	-	-	-	10 816 240	20.6
Corn	-	2 454 060	-	-	-	2 454 060	4.7
Rye	-	16 310	-	-	-	16 310	0.0
Oats	-	35 889	-	-	-	35 889	0.1
Barley	-	1 128 702	-	-	-	1 128 702	2.2
Flour, Wheat	-	-	3 549	-	-	3 549	0.0
Flour, Edible, Other	-	-	3 521	40	18	3 579	0.0
Soybeans	-	764 552	-	-	-	764 552	1.5
Soybean Oil, Cake and Meal	7 600	-	-	-	-	7 600	0.0
Beans and Peas	-	213 741	-	-	-	213 741	0.4
Malt	-	6 265	-	-	-	6 265	0.0
Flaxseed	-	258 288	-	-	-	258 288	0.5
Sunflower Seeds	-	14 106	-	-	-	14 106	0.0
Other Agricultural Products	28 459	430 359	32 387	269	565	492 039	0.9
Total Agricultural Products	36 059	16 138 512	39 457	309	583	16 214 920	30.9
Packing House Products, Edible	-	-	-	34	16	50	0.0
Hides, Skins and Pelts	-	-	-	-	1	1	0.0
Other Animal Products	73 367	-	-	430	149	73 946	0.1
Total Animal Products	73 367	-	-	464	166	73 997	0.1
Bituminous Coal	7 029 061	-	-	-	-	7 029 061	13.4
Coke	1 714 086	-	-	-	-	1 714 086	3.3
Iron Ore	12 130 334	-	-	-	-	12 130 334	23.1
Aluminum Ore and Concentrates	235 360	-	-	-	-	235 360	0.4
Clay and Bentonite	240 823	-	-	-	-	240 823	0.5
Gravel and Sand	226 492	-	-	-	-	226 492	0.4
Stone, Ground or Crushed	1 070 814	-	-	-	-	1 070 814	2.0
Stone, Rough	15 021	-	-	41	-	15 062	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 672 709	-	-	-	-	1 672 709	3.2
Phosphate Rock	2 833	-	-	-	-	2 833	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 633 996	-	-	84	448	1 634 528	3.1
Total Mine Products	25 971 529	-	-	125	448	25 972 102	49.5
Pulpwood	215	-	-	-	-	215	0.0
Other Forest Products	1 816	-	-	136	28 061	30 013	0.1
Total Forest Products	2 031	-	-	136	28 061	30 228	0.1
Gasoline	248 980	-	-	-	-	248 980	0.5
Fuel Oil	1 091 094	-	-	-	-	1 091 094	2.1
Lubricating Oils and Grease	33 322	-	-	-	-	33 322	0.1
Petroleum Products, Other	155 138	-	-	-	-	155 138	0.3
Rubber, Crude, Natural, Synthetic	-	-	-	-	22	22	0.0
Chemicals	1 196 402	-	-	1 435	2 715	1 200 552	2.3
Sodium Products	124 836	-	-	196	-	125 032	0.2
Tar, Pitch and Creosote	67 023	-	-	-	-	67 023	0.1
Pig Iron	93 248	-	-	-	-	93 248	0.2
Iron and Steel, Bars, Rods, Slabs	26 728	-	-	1 693	1 552 836	1 581 257	3.0
Iron and Steel, Nails and Wire	-	-	-	1 777	8 893	10 670	0.0
Iron and Steel, Manufactured	90	-	-	1 484	2 723 232	2 724 806	5.2
Machinery and Machines	2 128	-	-	9 298	53 278	64 704	0.1
Cement	513 197	-	-	-	-	513 197	1.0
Woodpulp	169 026	-	-	-	-	169 026	0.3
Newsprint	-	-	-	-	2 660	2 660	0.0
Syrup and Molasses	4 389	-	-	-	-	4 389	0.0
Sugar	261 721	-	-	-	5 012	266 733	0.5
Food Products	-	-	12 327	1 225	4	13 556	0.0
Scrap Iron and Steel	525 279	-	-	-	-	525 279	1.0
Other Manufactures and Misc. (1)	1 050 654	-	35 672	20 711	188 364	1 295 401	2.5
Total Manufactures and Misc.	5 563 255	-	47 999	37 819	4 537 016	10 186 089	19.4
GRAND TOTAL	31 646 241	16 138 512	87 456	38 853	4 566 274	52 477 336	100.0

(1) Includes Unclassified Cargoes

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1988

Table 10C Part A

ST. LAWRENCE SEAWAY

TABLE 100 - PART A		ST. LAWRENCE SEAWAY								
NO.	COMMODITY	From: To:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UPBOUND
			Canada		United States		Foreign			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		18 344	-	-	-	-	-	18 344	0.1
2	Corn		-	-	-	-	-	-	-	0.0
3	Rye		-	-	-	-	-	-	-	0.0
4	Oats		-	-	-	-	-	-	-	0.0
5	Barley		-	-	-	-	-	-	-	0.0
6	Flour, Wheat		-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other		-	-	-	-	-	-	-	0.0
8	Soybeans		-	-	-	-	-	-	-	0.0
9	Soybean Oil, Cake and Meal		-	-	-	-	-	-	-	0.0
10	Beans and Peas		-	-	-	-	-	-	-	0.0
11	Malt		-	-	-	-	-	-	-	0.0
12	Flaxseed		-	-	-	-	-	-	-	0.0
13	Sunflower Seeds		-	-	-	-	-	-	-	0.0
14	Other Agricultural Products		-	-	-	-	211	68	279	0.0
15	Total Agricultural Products		18 344	-	-	-	211	68	18 623	0.1
16	Packing House Products, Edible		-	-	-	-	-	-	-	0.0
17	Hides, Skins and Pelts		-	-	-	-	1	-	1	0.0
18	Other Animal Products		-	-	-	-	163	40	203	0.0
19	Total Animal Products		-	-	-	-	164	40	204	0.0
20	Bituminous Coal		-	1 706	-	-	-	313	2 019	0.0
21	Coke		10 976	92 148	-	-	-	190 614	293 738	1.4
22	Iron Ore		5 741 415	5 001 689	-	-	-	67 578	10 810 682	52.6
23	Aluminum Ore and Concentrates		12 736	5 004	-	-	194 887	22 733	235 360	1.1
24	Clay and Bentonite		-	-	-	-	-	4 589	4 589	0.0
25	Gravel and Sand		-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed		45 153	638 444	-	-	-	-	683 597	3.3
27	Stone, Rough		-	-	15 021	-	41	-	15 062	0.1
28	Petroleum, Crude		-	-	-	-	-	-	-	0.0
29	Salt		-	-	-	-	-	-	-	0.0
30	Phosphate Rock		-	-	2 833	-	-	-	2 833	0.0
31	Sulphur		-	-	-	-	-	-	-	0.0
32	Other Mine Products		554 882	25 201	21 770	2 223	175 794	202 146	982 016	4.8
33	Total Mine Products		6 365 162	5 764 192	24 603	17 244	370 722	487 973	13 029 896	63.4
34	Pulpwood		-	-	-	-	-	-	-	0.0
35	Other Forest Products		-	-	-	-	2 623	50	2 673	0.0
36	Total Forest Products		-	-	-	-	2 623	50	2 673	0.0
37	Gasoline		104 630	12 308	-	-	59 510	-	176 448	0.9
38	Fuel Oil		70 802	331 255	13 605	-	56 346	5 631	477 639	2.3
39	Lubricating Oils and Grease		6 880	-	6 896	-	12 941	-	26 717	0.1
40	Petroleum Products, Other		11 771	8 085	12 130	-	74 857	1 198	108 041	0.5
41	Rubber, Crude, Natural, Synthetic		-	-	-	-	-	-	-	0.0
42	Chemicals		5 286	1 818	153 449	4 061	276 391	147 271	588 276	2.9
43	Sodium Products		-	-	12 020	-	107	72	12 199	0.1
44	Tar, Pitch and Creosote		-	-	-	-	-	-	-	0.0
45	Pig Iron		15 641	70 153	-	-	-	7 454	93 248	0.5
46	Iron and Steel, Bars, Rods, Slabs		-	-	-	-	1 155 238	416 344	1 571 582	7.6
47	Iron and Steel, Nails and Wire		-	-	-	-	7 220	3 257	10 477	0.1
48	Iron and Steel, Manufactured		73	-	-	-	374 811	2 072 272	2 447 156	11.9
49	Machinery and Machines		1 469	240	-	-	15 368	32 696	49 773	0.2
50	Cement		36 439	432 560	-	-	4 837	-	473 836	2.3
51	Woodpulp		-	-	-	-	25 971	103 243	129 214	0.6
52	Newsprint		-	-	-	-	-	-	-	0.0
53	Syrup and Molasses		3 100	-	-	-	-	-	3 100	0.0
54	Sugar		-	-	-	-	261 721	5 012	266 733	1.3
55	Food Products		-	-	-	-	626	259	885	0.0
56	Scrap Iron and Steel		58 963	96 919	-	-	-	12 012	167 894	0.8
57	Other Manufactures and Misc.(1)		20 542	416 097	3 220	-	122 190	327 326	889 375	4.3
58	Total Manufactures and Misc.		335 596	1 369 435	201 320	4 061	2 448 134	3 134 047	7 492 593	36.5
59	GRAND TOTAL		6 719 102	7 133 627	225 923	21 305	2 821 854	3 622 178	20 543 989	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1988

Table 10C Part B

ST. LAWRENCE SEAWAY

		DOWNBOUND TONNES						TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
From:	Canada			United States			TOTAL CARGO TONNES			% OF TOTAL		
	Canada	United States	Foreign	Canada	United States	Foreign						
To:	Canada	United States	Foreign	Canada	United States	Foreign						
	8 404 649	-	322 917	705 478	-	1 364 852	10 797 896	33.8	10 816 240	20.6	1	
	185 729	-	80 034	1 248 542	-	939 755	2 454 060	7.7	2 454 060	4.7	2	
	3 600	-	2 300	-	-	10 410	16 310	0.1	16 310	0.0	3	
	32 052	-	3 837	-	-	-	35 889	0.1	35 889	0.1	4	
	504 533	-	24 421	250 291	-	349 457	1 128 702	3.5	1 128 702	2.2	5	
	-	-	154	-	-	3 395	3 549	0.0	3 549	0.0	6	
	-	-	58	-	-	3 521	3 579	0.0	3 579	0.0	7	
	12 001	-	118 464	46 094	-	587 993	764 552	2.4	764 552	1.5	8	
	6 336	-	-	-	-	1 264	7 600	0.0	7 600	0.0	9	
	-	-	158 110	-	-	55 631	213 741	0.7	213 741	0.4	10	
	5 127	-	1 138	-	-	-	6 265	0.0	6 265	0.0	11	
	-	-	258 288	-	-	-	258 288	0.8	258 288	0.5	12	
	-	-	-	-	-	14 106	14 106	0.0	14 106	0.0	13	
	157 638	-	120 446	-	-	213 676	491 760	1.5	492 039	0.9	14	
	9 311 665	-	1 090 167	2 250 405	-	3 544 060	16 196 297	50.7	16 214 920	30.9	15	
	-	-	50	-	-	-	50	0.0	50	0.0	16	
	-	-	-	-	-	-	-	0.0	1	0.0	17	
	-	-	36 090	514	-	37 139	73 743	0.2	73 946	0.1	18	
	-	-	36 140	514	-	37 139	73 793	0.2	73 997	0.1	19	
	127 263	-	-	6 863 520	-	36 259	7 027 042	22.0	7 029 061	13.4	20	
	134 233	-	31 891	888 728	-	365 496	1 420 348	4.4	1 714 086	3.3	21	
	26 603	-	-	1 293 049	-	-	1 319 652	4.1	12 130 334	23.1	22	
	-	-	-	-	-	-	-	0.0	235 360	0.4	23	
	-	-	-	145 632	-	90 602	236 234	0.7	240 823	0.5	24	
	-	-	-	226 492	-	-	226 492	0.7	226 492	0.4	25	
	266 276	-	-	120 941	-	-	387 217	1.2	1 070 814	2.0	26	
	-	-	-	-	-	-	-	0.0	15 062	0.0	27	
	-	-	-	-	-	-	-	0.0	-	0.0	28	
	1 179 157	47 125	-	411 839	34 588	-	1 672 709	5.2	1 672 709	3.2	29	
	-	-	-	-	-	-	-	0.0	2 833	0.0	30	
	-	-	-	-	-	-	-	0.0	-	0.0	31	
	79 466	84 564	271 816	207 364	-	9 302	652 512	2.0	1 634 528	3.1	32	
	1 812 998	131 689	303 707	10 157 565	34 588	501 659	12 942 206	40.5	25 972 102	49.5	33	
	-	-	215	-	-	-	215	0.0	215	0.0	34	
	-	-	27 340	-	-	-	27 340	0.1	30 013	0.1	35	
	-	-	27 555	-	-	-	27 555	0.1	30 228	0.1	36	
	72 532	-	-	-	-	-	72 532	0.2	248 980	0.5	37	
	472 366	128 184	-	12 905	-	-	613 455	1.9	1 091 094	2.1	38	
	-	-	1 002	5 104	-	499	6 605	0.0	33 322	0.1	39	
	27 209	8 128	11 760	-	-	-	47 097	0.1	155 138	0.3	40	
	-	-	22	-	-	-	22	0.0	22	0.0	41	
	207 300	162 750	227 702	6 771	-	7 753	612 276	1.9	1 200 552	2.3	42	
	112 816	-	17	-	-	-	112 833	0.4	125 032	0.2	43	
	44 112	-	-	22 911	-	-	67 023	0.2	67 023	0.1	44	
	-	-	-	-	-	-	-	0.0	93 248	0.2	45	
	-	-	9 675	-	-	-	9 675	0.0	1 581 257	3.0	46	
	-	-	193	-	-	-	193	0.0	10 670	0.0	47	
	17	-	83 744	4 903	-	188 986	277 650	0.9	2 724 806	5.2	48	
	659	-	3 002	1 846	-	9 424	14 931	0.0	64 704	0.1	49	
	-	4 248	5 134	-	29 979	-	39 361	0.1	513 197	1.0	50	
	-	-	39 812	-	-	-	39 812	0.1	169 026	0.3	51	
	-	-	2 660	-	-	-	2 660	0.0	2 660	0.0	52	
	-	-	-	1 289	-	-	1 289	0.0	4 389	0.0	53	
	-	-	-	-	-	-	-	0.0	266 733	0.5	54	
	-	-	2 387	-	-	10 284	12 671	0.0	13 556	0.0	55	
	-	-	216 067	-	-	141 318	357 385	1.1	525 279	1.0	56	
	10 815	-	83 629	454	-	311 128	406 026	1.3	1 295 401	2.5	57	
	947 826	303 310	686 806	56 183	29 979	669 392	2 693 496	8.4	10 186 089	19.4	58	
	12 072 489	434 999	2 144 375	12 464 667	64 567	4 752 250	31 933 347	100.0	52 477 336	100.0	59	

TRAFFIC BY SELECTED CANADIAN PORTS
1988

Table 11C

ST. LAWRENCE SEAWAY

Table 11C		CARGO TONNES (1)							
PORT OR AREA (2)	Shipments	CARGO TONNES (1)						Total	%
		Bulk	Grains	Govt. Aid	Containers	General			
INBOUND:									
Baie Comeau	109	26 844	2 613 215	-	-	-	2 640 059	4.2	
Contrecoeur	8	119 550	-	-	-	-	119 550	0.2	
Cornwall	24	128 737	-	-	-	43	128 780	0.2	
Goderich	-	-	-	-	-	-	-	0.0	
Halifax	11	10 484	231 570	-	-	-	242 054	0.4	
Hamilton	601	10 753 376	169 757	-	514	970 719	11 894 366	18.9	
Humberstone	-	-	-	-	-	-	-	0.0	
Kingston	4	27 400	-	-	-	-	27 400	0.0	
Montreal	163	856 303	1 941 868	-	-	-	2 798 171	4.5	
Picton	20	408 688	-	-	-	52	408 740	0.7	
Pointe Noire	17	424 804	-	-	-	-	424 804	0.7	
Port Cartier	115	324 357	2 522 885	-	-	-	2 847 242	4.5	
Prescott	19	25 267	141 591	-	-	-	166 858	0.3	
Quebec City	122	382 145	2 258 645	-	-	-	2 640 790	4.2	
St. Catharines	-	-	-	-	-	-	-	0.0	
Sarnia	31	250 692	-	-	-	-	250 692	0.4	
Sault Ste. Marie	23	53 657	-	-	-	287 700	341 357	0.5	
Sept-Îles	33	667 663	-	-	-	4 903	672 566	1.1	
Sorel	35	-	642 376	-	-	-	642 376	1.0	
Thorold	28	337 185	-	-	-	-	337 185	0.5	
Trois Rivières	33	44 411	621 217	-	-	-	665 628	1.1	
Thunder Bay	9	35 278	-	-	-	-	83 510	0.1	
Toronto	139	769 256	34 581	-	8 670	134 877	947 384	1.5	
Valleyfield	38	96 130	-	-	198	59 181	155 509	0.2	
Windsor	20	151 544	-	-	127	8 965	160 636	0.3	
Windsor Area	-	-	-	-	-	-	-	0.0	
Other Canada	355	5 266 677	396 373	-	-	45 328	5 708 378	9.1	
Total Inbound	1 948	21 160 448	11 574 078	-	9 509	1 560 000	34 304 035	54.6	
OUTBOUND:									
Baie Comeau	-	-	-	-	-	-	-	0.0	
Contrecoeur	3	23 563	-	-	-	-	23 563	0.0	
Cornwall	5	-	-	-	-	771	771	0.0	
Goderich	17	382 897	12 042	-	-	-	394 939	0.6	
Halifax	10	200 227	-	-	-	-	200 227	0.3	
Hamilton	58	711 013	15 099	662	167	66 108	793 049	1.3	
Humberstone	-	-	-	-	-	-	-	0.0	
Kingston	1	11 226	-	-	-	-	11 226	0.0	
Montreal	38	234 173	-	-	-	-	234 173	0.4	
Picton	15	305 573	-	-	-	-	305 573	0.5	
Pointe Noire	188	4 745 928	-	-	-	-	4 745 928	7.6	
Port Cartier	66	1 657 396	-	-	-	-	1 657 396	2.6	
Prescott	4	-	48 641	-	-	-	48 641	0.1	
Quebec City	109	1 842 705	-	-	-	-	1 842 705	2.9	
St. Catharines	-	-	-	-	-	-	-	0.0	
Sarnia	130	826 702	346 441	-	-	19	1 173 162	1.9	
Sault Ste. Marie	16	151 239	-	-	-	13 394	164 633	0.3	
Sept-Îles	107	2 741 986	-	-	-	-	2 741 986	4.4	
Sorel	17	85 794	-	-	-	-	85 794	0.1	
Thorold	2	20 646	-	-	-	-	20 646	0.0	
Trois Rivières	1	-	6 340	-	-	-	6 340	0.0	
Thunder Bay	490	598 855	9 739 233	-	-	18 976	10 357 064	16.5	
Toronto	40	48 671	13 165	685	4 224	13 224	79 969	0.1	
Valleyfield	33	126 434	20	1 782	1 590	15 882	145 708	0.2	
Windsor	11	40 216	107 796	-	-	-	148 012	0.2	
Windsor Area	74	1 081 697	-	-	-	-	1 081 697	1.7	
Other Canada	212	2 126 004	107 448	-	-	7 938	2 241 390	3.6	
Total Outbound	1 647	17 962 945	10 396 225	3 129	5 981	136 312	28 504 592	45.4	
GRAND TOTAL	3 595	39 123 393	21 970 303	3 129	15 490	1 696 312	62 808 627	100.0	

- (1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.
(2) Area includes all ports or installations within a 12 1/2 mile radius of the main harbour.

TRAFFIC BY SELECTED UNITED STATES PORTS
1988

Table 12C

ST. LAWRENCE SEAWAY

PORT OR AREA (2)		CARGO TONNES (1)						
Shipments	Bulk	Grains	Govt. Aid	Containers	General	Total	%	
INBOUND:								
Ashtabula	40	473 594	-	-	-	4 815	478 409	1.7
Buffalo	4	13 080	-	-	-	1 483	14 563	0.1
Chicago	184	230 970	-	-	10 883	922 275	1 164 128	4.0
Cleveland	205	1 579 199	-	-	1 883	425 697	2 006 779	7.0
Conneaut	6	159 898	-	-	-	-	159 898	0.6
Detroit	230	1 055 727	-	-	7 576	823 878	1 887 181	6.6
Detroit Area	-	-	-	-	-	-	-	0.0
Duluth-Superior	23	107 435	-	-	-	42 212	149 647	0.5
Erie	35	282 107	-	-	-	19 502	301 609	1.0
Fairport	2	26 438	-	-	-	-	26 438	0.1
Gary	18	394 959	-	-	-	-	394 959	1.4
Grand Haven	-	-	-	-	-	-	-	0.0
Green Bay	14	97 805	-	-	-	250	98 055	0.3
Huron	-	-	-	-	-	-	-	0.0
Indiana-Burns Harbor	124	2 493 510	-	-	-	88 959	2 582 469	9.0
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorrain	4	76 244	-	-	-	-	76 244	0.3
Marquette	-	-	-	-	-	-	-	0.0
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	44	38 151	-	-	215	58 430	96 796	0.3
Ogdensburg	5	81 713	-	-	-	-	81 713	0.3
Oswego	76	503 176	-	-	-	-	503 176	1.7
Saginaw	1	-	-	-	-	729	729	0.0
Sandusky	-	-	-	-	-	-	-	0.0
Toledo	100	132 679	-	-	830	262 939	396 448	1.4
Tonawanda	12	91 969	-	-	-	-	91 969	0.3
Trenton (Mich.)	-	-	-	-	-	-	-	0.0
Other U.S.A. Ports	64	748 291	-	-	138	17 037	765 466	2.7
Total Inbound	1 191	8 586 945	-	-	21 525	2 668 206	11 276 676	39.1
OUTBOUND:								
Ashtabula	85	2 094 624	-	-	-	-	2 094 624	7.3
Buffalo	7	85 221	-	-	-	-	85 221	0.3
Chicago	75	507 683	415 282	2 331	-	65 521	990 817	3.4
Cleveland	41	417 721	-	-	-	14 197	431 918	1.5
Conneaut	37	957 512	-	-	-	-	957 512	3.3
Detroit	62	297 639	-	-	-	54 871	352 510	1.2
Detroit Area	-	-	-	-	-	-	-	0.0
Duluth-Superiour	261	1 041 416	3 799 470	9 470	1 653	3 295	4 855 304	16.9
Erie	11	24 320	-	-	83	5 433	29 836	0.1
Fairport	8	125 009	-	-	-	-	125 009	0.4
Gary	5	127 785	-	-	-	-	127 785	0.4
Grand Haven	20	330 525	-	-	-	-	330 525	1.1
Green Bay	14	15 531	-	20 776	-	-	36 307	0.1
Huron	5	8 416	23 694	-	-	-	32 110	0.1
Indiana-Burns Harbor	23	152 181	113 420	1 935	-	53 478	321 014	1.1
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorrain	1	10 677	-	-	-	-	10 677	0.0
Marquette	25	540 749	-	-	-	4 903	545 652	1.9
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	49	26 008	484 612	49 815	102	5 482	566 019	2.0
Ogdensburg	6	17 244	10 967	-	-	454	28 665	0.1
Oswego	-	-	-	-	-	-	-	0.0
Saginaw	-	-	-	-	-	-	-	0.0
Sandusky	93	2 371 800	-	-	-	-	2 371 800	8.2
Toledo	132	1 631 362	888 556	-	-	2	2 519 920	8.7
Tonawanda	-	-	-	-	-	-	-	0.0
Trenton (Mich.)	-	-	-	-	-	-	-	0.0
Other U.S.A. Ports	58	707 638	6 286	-	-	1 563	715 487	2.5
Total Outbound	1 018	11 491 061	5 742 287	84 327	1 838	209 199	17 528 712	60.9
GRAND TOTAL	2 209	20 078 006	5 742 287	84 327	23 363	2 877 405	28 805 388	100.0

- (1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.
(2) Area includes all ports or installations within a 12 1/2 mile radius of the main harbour.

TRAFFIC BY SELECTED FOREIGN COUNTRIES
1988

ST. LAWRENCE SEAWAY

Table 13C

COUNTRY		CARGO TONNES (1)							
		Shipments	Bulk	Grains	Govt. Aid	Containers	General	Total	%
FROM:									
Algeria	1	-	-	-	-	10 141	10 141	0.1	
Australia New Zealand	16	228 524	-	-	-	10 478	239 002	1.8	
Belgium	87	33 120	-	-	17 776	1 142 113	1 193 009	8.9	
Brazil	75	89 247	-	-	7 764	932 532	1 029 543	7.7	
China (Nationalist)	4	64 522	-	-	-	-	64 522	0.5	
Colombia	1	-	-	-	-	32	32	0.0	
Cuba	3	42 457	-	-	-	-	42 457	0.3	
England	25	39 647	-	-	-	185 810	225 457	1.7	
Finland	13	20 688	-	-	-	65 964	86 652	0.6	
France	22	46 650	-	-	-	249 748	296 398	2.2	
French Africa	-	-	-	-	-	-	-	0.0	
India	2	-	-	-	-	27 252	27 252	0.2	
Ireland	-	-	-	-	-	-	-	0.0	
Italy	15	16 771	-	-	-	86 834	103 605	0.8	
Japan	34	-	-	-	-	303 103	303 103	2.3	
Mexico	16	164 772	-	-	-	16 919	181 691	1.4	
Netherlands	58	353 150	-	-	-	306 721	659 871	4.9	
Norway Sweden	42	132 043	-	-	27	152 507	284 577	2.1	
Portugal	2	-	-	-	420	-	420	0.0	
Scotland	11	-	-	-	-	158 887	158 887	1.2	
Soviet Union or U.S.S.R.	11	12 012	-	-	215	23 166	35 393	0.3	
South Africa	16	132 227	-	-	1 820	87	134 134	1.0	
Spain	38	215 596	-	-	2 350	183 241	401 187	3.0	
Turkey	3	49 845	-	-	-	-	49 845	0.4	
Venezuela	10	105 365	-	-	-	7 859	113 224	0.8	
West Germany	28	55 517	-	-	519	257 917	313 953	2.4	
West Indies	12	59 897	-	-	125	14 406	74 428	0.6	
Other Africa	11	122 259	-	-	-	214	122 473	0.9	
Other Asia	8	81 981	-	-	-	-	81 981	0.6	
Other Europe	21	123 802	-	-	18	38 786	162 606	1.2	
Other South America	8	2 143	-	-	-	46 046	48 189	0.4	
Total From	593	2 192 235	-	-	31 034	4 220 763	6 444 032	48.3	
TO:									
Algeria	47	1 044	820 572	-	-	-	821 616	6.2	
Australia New Zealand	-	-	-	-	-	-	-	0.0	
Belgium	43	130 717	575 165	-	-	7 661	713 543	5.3	
Brazil	3	13 028	-	-	838	694	14 560	0.1	
China (Nationalist)	2	-	3 638	-	-	12 188	15 826	0.1	
Colombia	11	4 128	-	-	1 837	7 637	13 602	0.1	
Cuba	4	-	53 105	-	-	-	53 105	0.4	
England	35	182 640	195 713	-	-	23 040	401 393	3.0	
Finland	6	4 009	85 112	-	-	2	89 123	0.7	
France	10	107 096	41 250	-	-	-	148 346	1.1	
French Africa	21	-	283 241	17 069	23	477	300 810	2.3	
India	3	2 000	-	-	-	35 875	37 875	0.3	
Ireland	5	10 857	44 271	-	-	-	55 128	0.4	
Italy	32	166 282	309 063	-	-	52 453	527 798	4.0	
Japan	9	-	52 503	-	-	87 720	140 223	1.1	
Mexico	3	5 207	15 732	109	-	-	21 048	0.2	
Netherlands	72	395 278	450 322	-	-	-	845 600	6.3	
Norway Sweden	11	43 854	60 399	-	-	2 150	106 403	0.8	
Portugal	23	30 919	356 226	-	-	-	387 145	2.9	
Scotland	1	-	17 559	-	-	-	17 559	0.1	
Soviet Union or U.S.S.R.	15	-	122 409	-	-	10 195	132 604	1.0	
South Africa	14	-	30 915	10 314	3 315	9 561	54 105	0.4	
Spain	30	327 722	59 981	-	-	-	387 703	2.9	
Turkey	3	49 417	-	-	-	-	49 417	0.4	
Venezuela	13	39 426	63 815	-	-	3 229	106 470	0.8	
West Germany	23	6 568	335 189	-	-	-	341 757	2.6	
West Indies	11	-	30 875	1 979	183	2 806	35 843	0.3	
Other Africa	32	18 446	157 049	31 882	1 487	14 147	223 011	1.7	
Other Asia	36	339 461	106 231	6 019	-	19 625	471 336	3.5	
Other Europe	21	18 461	293 938	-	-	32 954	345 353	2.6	
Other South America	11	2 288	161	20 084	136	15 654	38 323	0.3	
Total To	550	1 898 848	4 564 434	87 456	7 819	338 068	6 896 625	51.7	
GRAND TOTAL		1 143	4 091 083	4 564 434	87 456	38 853	4 558 831	13 340 657	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

TRAFFIC RESULTS
1959-1988

ST. LAWRENCE SEAWAY

HISTORICAL TABLE 14C

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL
1959	3 954	5 124	9 078	10 032 415	20 546 432	30 578 847	12 609 246	12 522 004	25 131 250	\$6 056 451	\$5 211 862	\$11 268 313
1960	5 141	5 082	10 223	9 250 052	23 596 791	32 846 843	14 493 351	14 415 227	28 908 578	\$5 059 508	\$6 367 908	\$11 427 416
1961	4 816	4 815	9 631	12 016 429	23 949 383	35 965 812	24 209 186	24 715 809	48 924 995	\$5 016 691	\$7 850 820	\$12 867 511
1962	4 784	4 737	9 521	14 352 054	26 988 541	41 340 595	27 218 981	27 153 831	54 372 812	\$5 937 838	\$7 277 130	\$13 214 968
1963	4 998	5 038	10 036	19 415 811	31 186 173	50 601 984	20 266 121	20 322 026	40 588 147	\$7 005 530	\$8 116 752	\$15 122 282
1964	5 221	5 337	10 558	22 494 513	31 913 878	54 408 391	32 347 016	32 784 520	65 131 536	\$9 394 046	\$9 691 201	\$19 085 247
1965	4 278	4 758	9 036	26 138 165	34 589 175	60 727 340	35 781 853	35 829 831	71 611 684	\$12 010 414	\$9 798 598	\$21 809 012
1966	4 555	4 630	9 185	30 221 395	30 017 093	60 238 488	33 761 597	34 201 445	67 963 042	\$13 613 843	\$10 720 519	\$24 334 362
1967	4 536	4 558	9 094	22 964 904	32 206 433	55 171 337	32 890 660	33 116 127	66 006 787	\$14 475 869	\$8 787 194	\$23 263 063
1968	4 542	4 573	9 115	25 278 173	39 235 062	64 513 235	34 832 257	34 826 922	69 659 179	\$17 343 253	\$9 294 777	\$26 638 030
1969	4 200	4 228	8 428	25 590 585	38 622 853	64 213 438	35 457 588	35 365 584	70 823 172	\$13 553 348	\$10 397 205	\$23 950 553
1970	4 151	4 137	8 288	25 373 449	40 373 052	65 746 501	36 775 475	36 353 779	73 129 254	\$15 015 403	\$13 977 229	\$28 992 632
1971	4 160	4 124	8 284	27 453 586	40 738 624	68 192 210	36 384 026	36 557 318	72 941 344	\$17 090 842	\$14 647 397	\$31 738 239
1972	3 182	3 167	6 349	23 499 926	31 055 048	54 554 974	28 626 614	28 583 515	57 210 129	\$16 462 073	\$15 081 621	\$31 543 694
1973	3 559	3 540	7 099	22 035 116	38 651 902	60 687 018	33 424 672	33 417 387	66 842 059	\$16 409 602	\$15 717 244	\$32 126 846
1974	3 454	3 478	6 932	28 538 521	36 636 534	65 175 055	34 202 173	34 058 494	68 260 667	\$13 188 253	\$11 308 252	\$24 496 505
1975	3 675	3 660	7 335	34 659 856	38 635 078	73 294 934	36 928 613	36 984 091	73 912 704	\$12 629 952	\$13 682 280	\$26 312 232
1976	3 767	3 712	7 479	27 548 469	45 434 170	72 982 639	40 262 661	39 629 645	79 892 306	\$15 904 651	\$13 697 981	\$29 602 632
1977	3 705	3 639	7 344	27 491 575	46 814 472	74 306 047	40 409 852	39 866 922	80 276 774	\$19 964 066	\$14 836 163	\$34 800 229
1978	3 668	3 628	7 296	17 198 910	49 762 221	66 961 131	40 095 126	40 008 744	80 103 870	\$24 276 601	\$27 225 729	\$51 502 330
1979	3 320	3 290	6 610	20 988 836	43 692 918	64 681 754	36 274 961	35 958 648	72 233 609	\$27 508 079	\$29 599 291	\$57 107 370
1980	2 896	2 914	5 810	11 930 217	42 564 225	54 494 442	33 905 366	34 068 116	67 973 482	\$19 512 745	\$36 495 478	\$56 008 223
1981	2 629	2 611	5 240	16 799 443	39 181 910	55 981 353	32 256 617	31 755 291	64 011 908	\$25 182 050	\$32 322 404	\$57 504 454
1982	2 681	2 641	5 322	19 984 880	40 944 288	60 929 168	34 056 771	33 342 809	67 399 580	\$19 631 493	\$38 230 421	\$57 861 914
1983	2 243	2 185	4 428	16 307 416	32 246 874	48 554 290	27 953 450	27 039 682	54 993 132	\$28 628 057	\$37 197 448	\$65 825 505
1984	2 344	2 258	4 602	16 306 485	32 264 732	48 571 217	28 865 047	28 050 099	56 915 146	\$33 908 295	\$37 521 103	\$71 429 398
1985	2 351	2 238	4 589	18 647 923	32 005 339	50 653 262	28 772 497	27 518 198	56 290 695	\$26 732 542	\$30 101 848	\$56 834 390
1986	2 320	2 260	4 580	20 543 989	31 933 347	52 477 336	28 251 634	27 442 545	55 694 179	\$27 804 529	\$33 382 145	\$61 186 674
1987	110 888	111 786	222 674	619 667 190	1 024 451 278	1 644 118 468	913 432 441	908 543 309	1 821 975 750	\$31 089 377	\$34 068 435	\$65 157 812
1988	2 320	2 260	4 580	20 543 989	31 933 347	52 477 336	28 251 634	27 442 545	55 694 179	\$34 584 961	\$35 471 663	\$70 056 624
TOTAL	110 888	111 786	222 674	619 667 190	1 024 451 278	1 644 118 468	913 432 441	908 543 309	1 821 975 750	\$534 990 362	\$578 078 098	\$1 113 068 460

CARGO BY TARIFF CLASSIFICATION
1959-1988

ST. LAWRENCE SEAWAY

HISTORICAL TABLE 15C

YEAR	BULK		GRAINS		GOVT AID		CONTAINERS		GENERAL		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	28 464 021	93.1	-	0.0	-	0.0	-	0.0	2 114 825	6.9	30 578 846	100.0
1960	30 770 489	93.7	-	0.0	-	0.0	-	0.0	2 076 353	6.3	32 846 842	100.0
1961	33 514 335	93.2	-	0.0	-	0.0	-	0.0	2 451 477	6.8	35 965 812	100.0
1962	38 550 187	93.3	-	0.0	-	0.0	-	0.0	2 790 408	6.7	41 340 595	100.0
1963	47 135 221	93.1	-	0.0	-	0.0	-	0.0	3 466 764	6.9	50 601 985	100.0
1964	49 240 217	90.5	-	0.0	-	0.0	-	0.0	5 168 174	9.5	54 408 391	100.0
1965	55 623 695	91.6	-	0.0	-	0.0	-	0.0	5 103 645	8.4	60 727 340	100.0
1966	49 763 848	90.0	-	0.0	-	0.0	-	0.0	5 504 979	10.0	55 268 827	100.0
1967	52 866 506	87.8	-	0.0	-	0.0	-	0.0	7 371 982	12.2	60 238 488	100.0
1968	48 647 868	88.2	-	0.0	-	0.0	-	0.0	6 523 470	11.8	55 171 338	100.0
1969	58 458 223	90.6	-	0.0	-	0.0	-	0.0	6 055 012	9.4	64 513 235	100.0
1970	56 237 700	87.6	-	0.0	-	0.0	-	0.0	7 975 737	12.4	64 213 437	100.0
1971	58 469 763	88.9	-	0.0	-	0.0	-	0.0	7 276 738	11.1	65 746 501	100.0
1972	62 900 782	92.2	-	0.0	-	0.0	-	0.0	5 291 428	7.8	68 192 210	100.0
1973	50 450 923	92.5	-	0.0	-	0.0	-	0.0	4 104 051	7.5	54 554 974	100.0
1974	57 388 271	94.6	-	0.0	-	0.0	-	0.0	3 298 747	5.4	60 687 018	100.0
1975	61 044 888	93.7	-	0.0	-	0.0	-	0.0	4 130 167	6.3	65 175 055	100.0
1976	67 119 377	91.6	-	0.0	-	0.0	-	0.0	6 175 556	8.4	73 294 933	100.0
1977	39 102 717	53.6	29 133 638	39.9	129 095	0.2	271 485	0.4	4 331 922	5.9	72 968 857	100.0
1978	43 884 766	59.0	26 357 575	35.5	158 942	0.2	229 229	0.3	3 703 388	5.0	74 333 900	100.0
1979	35 592 415	53.1	28 576 609	42.6	168 209	0.3	166 055	0.2	2 513 429	3.8	67 016 717	100.0
1980	34 868 589	53.9	26 119 711	40.3	242 632	0.4	64 746	0.1	3 420 579	5.3	64 716 257	100.0
1981	25 142 525	46.1	25 797 364	47.3	292 456	0.5	78 478	0.2	3 183 619	5.9	54 494 442	100.0
1982	26 969 832	48.2	25 372 045	45.3	294 379	0.5	60 073	0.1	3 285 024	5.9	55 981 353	100.0
1983	31 203 330	51.2	24 556 241	40.3	231 107	0.4	140 684	0.2	4 797 806	7.9	60 929 168	100.0
1984	26 827 670	55.3	17 418 609	35.9	261 917	0.5	113 671	0.2	3 932 423	8.1	48 554 290	100.0
1985	27 156 533	55.9	17 175 451	35.4	227 670	0.5	59 943	0.1	3 951 620	8.1	48 571 217	100.0
1986	27 187 830	53.7	19 208 840	37.9	211 044	0.4	42 945	0.1	4 002 603	7.9	50 653 262	100.0
1987	31 646 241	60.3	16 138 512	30.7	87 456	0.2	38 853	0.1	4 566 274	8.7	52 477 336	100.0
1988												
TOTAL	1 256 228 762	76.4	255 854 595	15.6	2 304 907	0.1	1 266 162	0.1	128 568 200	7.8	1 644 222 626	100.0

TOTAL TOLLS REVENUE
1959-1988

ST. LAWRENCE SEAWAY

HISTORICAL TABLE 16C

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	BULK	GRAINS	GOVT AID	CONTAINERS	GENERAL	TOTAL				
	\$	\$ NOT APPLICABLE	\$ NOT APPLICABLE	\$ NOT APPLICABLE	\$	\$	\$	\$	\$	\$
1959	7 828 636				1 818 189	9 646 825	1 606 068	NOT	15 420	11 268 313
1960	7 640 627				2 089 106	9 729 733	1 673 338	APPLICABLE	24 345	11 427 416
1961	8 981 597				1 929 901	10 911 498	1 920 678	-	35 335	12 867 511
1962	9 071 653				2 265 845	11 337 498	1 219 957	-	657 513	13 214 968
1963	11 074 332				2 646 716	13 721 048	1 383 788	-	17 446	15 122 282
1964	14 153 997				3 308 928	17 462 925	1 607 500	-	14 822	19 085 247
1965	15 011 515				5 021 322	20 032 837	1 760 730	-	15 445	21 809 012
1966	17 397 536				4 938 610	22 336 146	1 983 068	-	15 148	24 334 362
1967	15 096 582				5 365 115	20 461 697	1 828 439		59 652	23 263 063
1968	15 803 468				7 188 148	22 991 616	1 888 744	1 749 165	8 505	26 638 030
1969	13 424 451				6 331 797	19 756 248	1 689 016	2 494 075	11 214	23 950 553
1970	17 773 483				5 881 526	23 655 009	1 795 912	3 533 405	8 306	28 992 632
1971	17 677 538				7 748 999	25 426 537	1 974 733	4 331 602	5 367	31 738 239
1972	18 261 266				7 036 377	25 297 643	1 997 790	4 242 605	5 656	31 543 694
1973	20 608 149				5 236 108	25 844 257	2 042 408	4 232 455	7 726	32 126 846
1974	15 744 406				4 063 299	19 807 705	1 499 182	3 176 688	12 930	24 496 505
1975	17 612 142				3 234 974	20 847 116	1 735 862	3 720 018	9 236	26 312 232
1976	19 832 324				4 066 527	23 898 851	1 908 740	3 789 408	5 633	29 602 632
1977	22 528 087				6 094 584	28 622 671	2 140 978	4 030 938	5 642	34 800 229
1978	18 335 282	17 115 828	78 718	244 195	6 553 573	42 327 596	9 155 902	NOT	18 832	51 502 330
1979	24 716 528	16 370 362	103 290	212 472	6 730 737	48 133 389	8 957 417	APPLICABLE	16 565	57 107 371
1980	22 075 591	19 646 834	121 075	156 207	4 903 241	46 902 948	9 086 526	-	18 749	56 008 223
1981	24 033 362	17 895 441	174 679	55 504	6 956 739	49 115 725	8 369 227	-	19 502	57 504 454
1982	18 195 303	19 398 753	230 175	77 874	7 057 942	44 960 047	8 224 962	4 643 925	32 979	57 861 913
1983	20 996 071	20 259 032	244 307	62 448	8 179 595	49 741 453	7 994 936	8 061 656	27 460	65 825 505
1984	23 067 456	19 744 974	191 106	153 247	11 888 040	55 044 823	8 150 221	8 200 688	33 666	71 429 398
1985	20 034 048	13 752 916	217 162	120 619	9 704 218	43 828 963	6 508 406	6 459 219	37 802	56 834 390
1986	21 364 062	14 562 937	200 264	58 864	9 908 207	46 094 334	7 381 392	7 662 160	48 788	61 186 674
1987	22 085 943	16 887 282	191 691	45 836	10 067 598	49 278 350	7 730 888	8 091 383	57 191	65 157 812
1988	26 658 338	14 729 849	80 523	42 283	11 549 687	53 060 680	8 065 043	8 878 770	52 131	70 056 624
TOTAL	527 083 773	190 364 208	1 832 990	1 229 549	179 765 648	900 276 168	123 281 851	88 211 435	1 299 006	1 113 068 460

PART III

St. Lawrence Seaway Toll Traffic

for the

Montreal-Lake Ontario Section

TRAFFIC BY TYPE OF VESSEL
1988

MONTREAL-LAKE ONTARIO SECTION

Table 1M

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Cargo	950	251	1 201	17 884 188	13 237 305	6 340	-	31 034	4 220 763	17 495 442	43.1	21 116 373.73	56.5
Tug and Barge	22	17	39	86 888	64 806	-	-	-	-	64 806	0.2	61 297.30	0.2
Tanker	125	80	205	1 468 372	1 094 012	-	-	-	-	1 094 012	2.7	1 026 904.86	2.7
Non-Cargo	34	97	131	66 185	-	-	-	-	-	-	0.0	20 324.60	0.1
Total Up	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0	22 224 900.49	59.5
DOWNBOUND:													
Cargo	1 066	132	1 198	17 772 529	4 760 574	15 462 600	87 456	7 819	345 096	20 663 545	50.9	14 057 851.51	37.6
Tug and Barge	6	30	36	84 757	20 895	-	-	-	-	20 895	0.1	19 653.92	0.1
Tanker	145	58	203	1 455 759	1 218 969	-	-	-	-	1 218 969	3.0	1 030 990.23	2.8
Non-Cargo	34	95	129	120 166	-	-	-	-	-	-	0.0	25 595.82	0.1
Total Down	1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0	15 134 091.48	40.5
TOTALS:													
Cargo	2 016	383	2 399	35 656 717	17 997 879	15 468 940	87 456	38 853	4 565 859	38 158 987	94.1	35 174 225.24	94.2
Tug and Barge	28	47	75	171 645	85 701	-	-	-	-	85 701	0.2	80 951.22	0.2
Tanker	270	138	408	2 924 131	2 312 981	-	-	-	-	2 312 981	5.7	2 057 895.09	5.5
Non-Cargo	68	192	260	186 351	-	-	-	-	-	-	0.0	45 920.42	0.1
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 291.97	100.0

MARCH 1988

MONTREAL-LAKE ONTARIO SECTION

31

TRAFFIC BY CLASS AND TYPE OF VESSEL
1988

MONTREAL-LAKE ONTARIO SECTION

Table 3M

CLASS AND TYPE OF VESSEL	VESSEL TRANSIT			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded		Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
OCEAN:													
Cargo	467	64	531	7 420 437	1 768 253	-	-	31 034	4 195 291	5 994 578	14.8	10 659 765.41	28.5
Tanker	69	10	79	711 946	666 166	-	-	-	-	666 166	1.6	610 634.35	1.6
Total Ocean	536	74	610	8 132 383	2 434 419	-	-	31 034	4 195 291	6 660 744	16.4	11 270 399.76	30.2
LAKER:													
Cargo	483	187	670	10 463 751	11 469 052	6 340	-	-	25 472	11 500 864	28.4	10 456 608.32	28.0
Tug and Barge	22	14	36	77 117	64 806	-	-	-	-	64 806	0.2	60 515.62	0.2
Tanker	56	70	126	756 426	427 846	-	-	-	-	427 846	1.1	416 270.51	1.1
Total Laker	561	271	832	11 297 294	11 961 704	6 340	-	-	25 472	11 993 516	29.6	10 933 394.45	29.3
ALL OTHER:													
Total Upbound	34	100	134	75 956	-	-	-	-	-	-	0.0	21 106.28	0.1
	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0	22 224 900.49	59.5
DOWNBOUND:													
OCEAN:													
Cargo	452	81	533	7 429 234	1 593 072	4 514 510	87 456	7 819	339 926	6 542 783	16.1	5 024 374.15	13.4
Tanker	52	26	78	706 110	459 935	-	-	-	-	459 935	1.1	429 563.27	1.1
Total Ocean	504	107	611	8 135 344	2 053 007	4 514 510	87 456	7 819	339 926	7 002 718	17.3	5 453 937.42	14.6
LAKER:													
Cargo	614	51	665	10 343 295	3 167 502	10 948 090	-	-	5 170	14 120 762	34.8	9 033 477.36	24.2
Tug and Barge	3	30	33	74 986	8 263	-	-	-	-	8 263	0.0	8 135.04	0.0
Tanker	93	32	125	749 649	759 034	-	-	-	-	759 034	1.9	601 426.96	1.6
Total Laker	710	113	823	11 167 930	3 934 799	10 948 090	-	-	5 170	14 888 059	36.7	9 643 039.36	25.8
ALL OTHER:													
Total Downbound	37	95	132	129 937	12 632	-	-	-	-	12 632	0.0	37 114.70	0.1
	1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0	15 134 091.48	40.5
TOTALS:													
OCEAN:													
Cargo	919	145	1 064	14 849 671	3 361 325	4 514 510	87 456	38 853	4 535 217	12 537 361	30.9	15 684 139.56	42.0
Tanker	121	36	157	1 418 056	1 126 101	-	-	-	-	1 126 101	2.8	1 040 197.62	2.8
Total Ocean	1 040	181	1 221	16 267 727	4 487 426	4 514 510	87 456	38 853	4 535 217	13 663 462	33.7	16 724 337.18	44.8
LAKER:													
Cargo	1 097	238	1 335	20 807 046	14 636 554	10 954 430	-	-	30 642	25 621 626	63.2	19 490 085.68	52.2
Tug and Barge	25	44	69	152 103	73 069	-	-	-	-	73 069	0.2	68 650.66	0.2
Tanker	149	102	251	1 506 075	1 186 880	-	-	-	-	1 186 880	2.9	1 017 697.47	2.7
Total Laker	1 271	384	1 655	22 465 224	15 896 503	10 954 430	-	-	30 642	26 861 575	66.3	20 576 433.81	55.1
ALL OTHER:													
	71	195	266	205 893	12 632	-	-	-	-	12 632	0.0	58 220.98	0.2
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 991.97	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1988

MONTREAL-LAKE ONTARIO SECTION

Table 4M

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
OVERSEAS:													
Cargo	456	49	505	7 110 082	1 643 688	-	-	31 034	4 203 992	5 878 714	14.5	10 582 458.68	28.3
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Tanker	53	1	54	529 278	551 046	-	-	-	-	551 046	1.4	503 902.55	1.3
Total Overseas	509	50	559	7 639 360	2 194 734	-	-	31 034	4 203 992	6 429 760	15.9	11 086 361.23	29.7
INLAND:													
Cargo	458	197	655	10 163 502	10 957 051	6 340	-	-	16 771	10 980 162	27.1	10 125 526.11	27.1
Tug and Barge	22	13	35	75 709	64 806	-	-	-	-	64 806	0.2	60 402.98	0.2
Tanker	64	66	130	780 441	453 586	-	-	-	-	453 586	1.1	439 924.93	1.2
Total Inland	544	276	820	11 019 652	11 475 443	6 340	-	-	16 771	11 498 554	28.4	10 625 854.02	28.4
COASTAL:													
Cargo	36	5	41	610 604	636 566	-	-	-	-	636 566	1.6	408 388.94	1.1
Tug and Barge	-	4	4	11 179	-	-	-	-	-	-	0.0	894.32	0.0
Tanker	8	13	21	158 653	89 380	-	-	-	-	89 380	0.2	83 077.38	0.2
Total Coastal	44	22	66	780 436	725 946	-	-	-	-	725 946	1.8	492 360.64	1.3
NON-CARGO:													
Tug	-	60	60	11 024	-	-	-	-	-	-	0.0	2 690.00	0.0
All Other	34	37	71	55 161	-	-	-	-	-	-	0.0	17 634.60	0.0
Total Non-Cargo	34	97	131	66 185	-	-	-	-	-	-	0.0	20 324.60	0.1
Total Upbound	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0	22 224 900.49	59.5
DOWNBOUND:													
OVERSEAS:													
Cargo	451	43	494	7 049 260	1 586 026	4 560 378	83 965	7 819	339 739	6 577 927	16.2	5 012 187.34	13.4
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Tanker	38	9	47	472 778	344 465	-	-	-	-	344 465	0.8	330 413.51	0.9
Total Overseas	489	52	541	7 522 038	1 930 491	4 560 378	83 965	7 819	339 739	6 922 392	17.1	5 342 600.85	14.3
INLAND:													
Cargo	596	74	670	10 290 708	3 132 569	10 619 903	-	-	5 357	13 757 829	33.9	8 829 777.43	23.6
Tug and Barge	2	30	32	73 578	6 089	-	-	-	-	6 089	0.0	6 174.50	0.0
Tanker	89	45	134	810 229	733 006	-	-	-	-	733 006	1.8	583 669.02	1.6
Total Inland	687	149	836	11 174 515	3 871 664	10 619 903	-	-	5 357	14 496 924	35.7	9 419 620.95	25.2
COASTAL:													
Cargo	19	15	34	432 561	41 979	282 319	3 491	-	-	327 789	0.8	215 886.74	0.6
Tug and Barge	4	-	4	11 179	14 806	-	-	-	-	14 806	0.0	13 479.42	0.0
Tanker	18	4	22	172 752	141 498	-	-	-	-	141 498	0.3	116 907.70	0.3
Total Coastal	41	19	60	616 492	198 283	282 319	3 491	-	-	484 093	1.2	346 273.86	0.9
NON-CARGO:													
Tug	-	48	48	9 156	-	-	-	-	-	-	0.0	2 020.00	0.0
All Other	34	47	81	111 010	-	-	-	-	-	-	0.0	23 575.82	0.1
Total Non-Cargo	34	95	129	120 166	-	-	-	-	-	-	0.0	25 595.82	0.1
Total Downbound	1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0	15 134 091.48	40.5
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 991.97	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1988

Tableau 5M

ORIGIN AND DESTINATION (1)		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE					
		Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%		
UPBOUND:																
Canada - Canada		269	316	585	6 096 275	6 574 211	6 340	-	-	-	6 580 551	16.2	4 594 319.70	12.3		
Canada - U.S.A.		323	57	380	5 441 359	5 403 754	-	-	-	-	5 403 754	13.3	6 368 230.73	17.0		
Foreign - Canada		156	14	170	2 249 319	1 259 548	-	-	9 509	1 552 797	2 821 854	7.0	2 985 436.32	8.0		
Total Canada		748	387	1 135	13 786 953	13 237 513	6 340	-	9 509	1 552 797	14 806 159	36.5	13 947 986.75	37.3		
U.S.A. - Canada		19	12	31	280 945	225 923	-	-	-	-	225 923	0.6	160 762.55	0.4		
U.S.A. - U.S.A.		11	9	20	42 050	-	-	-	-	-	-	0.0	14 774.76	0.0		
Foreign - U.S.A.		353	37	390	5 395 685	932 687	-	-	21 525	2 667 966	3 622 178	8.9	8 101 376.43	21.7		
Total U.S.A.		383	58	441	5 718 680	1 158 610	-	-	21 525	2 667 966	3 848 101	9.5	8 276 913.74	22.2		
Total Upbound		1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0	22 224 900.49	59.5		
DOWNBOUND:																
Canada - Canada		551	173	724	8 393 485	2 092 528	8 874 453	-	-	-	10 966 981	27.0	6 689 778.14	17.9		
Canada - U.S.A.		17	6	23	136 144	170 534	-	-	-	-	170 534	0.4	111 949.27	0.3		
Canada - Foreign		154	30	184	2 373 449	926 641	1 072 552	3 129	5 981	136 072	2 144 375	5.3	1 536 428.80	4.1		
Total Canada		722	209	931	10 903 078	3 189 703	9 947 005	3 129	5 981	136 072	13 281 890	32.7	8 338 156.21	22.3		
U.S.A. - Canada		184	70	254	3 320 497	1 838 528	2 023 713	-	-	7 028	3 869 269	9.5	2 979 769.18	8.0		
U.S.A. - U.S.A.		10	13	23	55 360	-	-	-	-	-	-	0.0	9 539.08	0.0		
U.S.A. - Foreign		335	23	358	5 154 276	972 207	3 491 882	84 327	1 838	201 996	4 752 250	11.7	3 806 627.01	10.2		
Total U.S.A.		529	106	635	8 530 133	2 810 735	5 515 595	84 327	1 838	209 024	8 621 519	21.3	6 795 935.27	18.2		
Total Downbound		1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0	15 134 091.48	40.5		
TOTALS:																
Canada - Canada		820	489	1 309	14 489 760	8 666 739	8 880 793	-	-	-	17 547 532	43.3	11 284 097.84	30.2		
Canada - U.S.A.		340	63	403	5 577 503	5 574 288	-	-	-	-	5 574 288	13.7	6 480 180.00	17.3		
Canada - Foreign		154	30	184	2 373 449	926 641	1 072 552	3 129	5 981	136 072	2 144 375	5.3	1 536 428.80	4.1		
Foreign - Canada		156	14	170	2 249 319	1 259 548	-	-	9 509	1 552 797	2 821 854	7.0	2 985 436.32	8.0		
Total Canada		1 470	596	2 066	24 690 031	16 427 216	9 953 345	3 129	15 490	1 688 869	28 088 049	69.3	22 286 142.96	59.7		
U.S.A. - Canada		203	82	285	3 601 442	2 064 451	2 023 713	-	-	7 028	4 095 192	10.1	3 140 531.73	8.4		
U.S.A. - U.S.A.		21	22	43	97 410	-	-	-	-	-	-	0.0	24 313.84	0.1		
U.S.A. - Foreign		335	23	358	5 154 276	972 207	3 491 882	84 327	1 838	201 996	4 752 250	11.7	3 806 627.01	10.2		
Foreign - U.S.A.		353	37	390	5 395 685	932 687	-	-	21 525	2 667 966	3 622 178	8.9	8 101 376.43	21.7		
Total U.S.A.		912	164	1 076	14 248 813	3 969 345	5 515 595	84 327	23 363	2 876 990	12 469 620	30.7	15 072 849.01	40.3		
GRAND TOTAL		2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 991.97	100.0		

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1988

Table 6M

MONTREAL-LAKE ONTARIO SECTION													
TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	REVENUE	
												\$	%
UPBOUND:													
Bulk	759	-	759	10 468 595	14 179 747	-	-	-	-	14 179 747	35.0	12 654 307.04	33.9
Grains	1	-	1	5 675	-	6 340	-	-	-	6 340	0.0	3 750.80	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	2	-	2	15 749	-	-	-	3 444	3 369 964	3 444	0.0	4 187.32	0.0
General	257	-	257	3 701 463	-	-	-	-	3 369 964	3 369 964	8.3	7 197 936.92	19.3
Mixed	78	-	78	1 157 553	216 376	-	-	27 590	850 799	1 094 765	2.7	2 031 488.26	5.4
Passengers	34	-	34	12 209	-	-	-	-	-	-	0.0	13 423.96	0.0
In Ballast - Overseas	-	50	50	683 481	-	-	-	-	-	-	0.0	54 161.49	0.1
- Inland	-	276	276	3 284 763	-	-	-	-	-	-	0.0	249 991.07	0.7
- Coastal	-	22	22	122 169	-	-	-	-	-	-	0.0	8 752.99	0.0
- Non-Cargo	-	97	97	53 976	-	-	-	-	-	-	0.0	6 900.64	0.0
Total Upbound	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0	22 224 900.49	59.5
DOWNBOUND:													
Bulk	401	-	401	4 791 373	5 840 067	-	-	-	-	5 840 067	14.4	5 044 282.67	13.5
Grains	620	-	620	9 841 720	-	-	-	-	-	13 277 016	32.7	7 687 970.95	20.6
Government Aid	2	-	2	18 066	-	14 920	-	-	-	14 920	0.0	9 203.68	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	37	-	37	382 952	-	-	-	-	278 979	278 979	0.7	600 491.55	1.6
Mixed	157	-	157	2 239 775	160 371	2 185 584	72 536	7 819	66 117	2 492 427	6.1	1 616 963.96	4.3
Passengers	34	-	34	12 209	-	-	-	-	-	-	0.0	14 613.96	0.0
In Ballast - Overseas	-	52	52	574 862	-	-	-	-	-	-	0.0	44 990.77	0.1
- Inland	-	149	149	1 246 942	-	-	-	-	-	-	0.0	90 225.17	0.2
- Coastal	-	19	19	217 355	-	-	-	-	-	-	0.0	14 366.91	0.0
- Non-Cargo	-	95	95	107 957	-	-	-	-	-	-	0.0	10 981.86	0.0
Total Downbound	1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0	15 134 091.48	40.5
TOTALS:													
Bulk	1 160	-	1 160	15 259 968	20 019 814	-	-	-	-	20 019 814	49.4	17 698 589.71	47.4
Grains	621	-	621	9 847 395	-	-	-	-	-	13 283 356	32.8	7 691 721.75	20.6
Government Aid	2	-	2	18 066	-	13 283 356	14 920	-	-	14 920	0.0	9 203.68	0.0
Containers	2	-	2	15 749	-	-	-	3 444	3 369 964	3 444	0.0	4 187.32	0.0
General	294	-	294	4 084 415	-	-	-	-	3 648 943	3 648 943	9.0	7 798 428.47	20.9
Mixed	235	-	235	3 397 328	376 747	2 185 584	72 536	35 409	916 916	3 587 192	8.8	3 648 452.22	9.8
Passengers	68	-	68	24 418	-	-	-	-	-	-	0.0	28 037.92	0.1
In Ballast - Overseas	-	102	102	1 258 343	-	-	-	-	-	-	0.0	99 152.26	0.3
- Inland	-	425	425	4 531 705	-	-	-	-	-	-	0.0	340 216.24	0.9
- Coastal	-	41	41	339 524	-	-	-	-	-	-	0.0	23 119.90	0.1
- Non-Cargo	-	192	192	161 933	-	-	-	-	-	-	0.0	17 882.50	0.0
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 991.97	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1988

UPBOUND

Table 7M Part A

MONTREAL-LAKE ONTARIO SECTION													
TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
OVERSEAS:	173	-	173	2 096 722	1 978 358	-	-	-	-	1 978 358	4.9	1 834 384.14	4.9
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	2	-	2	15 749	-	-	-	-	-	-	0.0	0.00	0.0
	256	-	256	3 685 855	-	-	-	3 444	3 353 193	3 444	8.3	4 187.32	8.3
	78	-	78	1 157 553	216 376	-	-	27 590	850 799	1 094 765	2.7	7 162 140.02	19.2
	-	50	50	683 481	-	-	-	-	-	-	0.0	2 031 488.26	5.4
	509	50	559	7 639 360	2 194 734	-	-	31 034	4 203 992	6 429 760	15.9	54 161.49	0.1
	-	-	-	-	-	-	-	-	-	-	0.0	11 086 361.23	29.7
	-	-	-	-	-	-	-	-	-	-	0.0	11 086 361.23	29.7
INLAND:	542	-	542	7 713 606	11 475 443	-	-	-	-	11 475 443	28.3	10 336 315.25	27.7
	1	-	1	5 675	-	6 340	-	-	-	6 340	0.0	3 750.80	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	1	-	1	15 608	-	-	-	-	16 771	16 771	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	35 796.90	0.1
	-	276	276	3 284 763	-	-	-	-	-	-	0.0	0.00	0.0
	544	276	820	11 019 652	11 475 443	6 340	-	-	16 771	11 498 554	28.4	249 991.07	0.7
	-	-	-	-	-	-	-	-	-	-	0.0	10 625 854.02	28.4
	-	-	-	-	-	-	-	-	-	-	0.0	10 625 854.02	28.4
COASTAL:	44	-	44	658 267	725 946	-	-	-	-	725 946	1.8	483 607.65	1.3
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	-	22	22	122 169	-	-	-	-	-	-	0.0	0.00	0.0
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	44	22	66	780 436	725 946	-	-	-	-	725 946	1.8	492 360.64	1.3
	-	-	-	-	-	-	-	-	-	-	0.0	492 360.64	1.3
NON-CARGO:	34	97	131	66 185	-	-	-	-	-	-	0.0	20 324.60	0.1
	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0	22 224 900.49	59.5
TOTAL UPBOUND													

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1988

DOWNBOUND

Table 7M Part B

MONTREAL-LAKE ONTARIO SECTION														
TYPE OF TRANSIT AND CARGO		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE				
					Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
		Loaded	Ball											Total
OVERSEAS:		144	-	144	1 748 538	1 776 456	-	-	-	-	1 776 456	4.4	1 649 666.75	4.4
Bulk		215	-	215	3 508 668	-	3 711 703	-	-	-	3 711 703	9.2	2 210 779.00	5.9
Grains		2	-	2	18 066	-	-	14 920	-	-	14 920	0.0	9 203.68	0.0
Government Aid		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers		34	-	34	374 879	-	-	-	-	277 308	277 308	0.7	596 403.45	1.6
General		94	-	94	1 291 125	154 035	848 675	69 045	-	62 431	1 142 005	2.8	831 557.20	2.2
Mixed		-	52	52	574 862	-	-	-	-	-	-	0.0	44 990.77	0.1
In Ballast		489	52	541	7 522 038	1 930 491	4 560 378	83 965	7 819	339 739	6 922 392	17.1	5 342 600.85	14.3
Total Overseas														
INLAND:														
Bulk		233	-	233	2 871 663	3 865 328	-	-	-	-	3 865 328	9.5	3 229 567.37	8.6
Grains		400	-	400	6 270 820	-	9 486 096	-	-	-	9 486 096	23.4	5 431 020.55	14.5
Government Aid		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General		3	-	3	8 073	-	-	-	-	1 671	1 671	0.0	4 088.10	0.0
Mixed		51	-	51	777 017	6 336	1 133 807	-	-	3 686	1 143 829	2.8	664 719.76	1.8
In Ballast		-	149	149	1 246 942	-	-	-	-	-	-	0.0	90 225.17	0.2
Total Inland		687	149	836	11 174 515	3 871 664	10 619 903	-	-	5 357	14 496 924	35.7	9 419 620.95	25.2
COASTAL:														
Bulk		24	-	24	171 172	198 283	-	-	-	-	198 283	0.5	165 048.55	0.4
Grains		5	-	5	62 232	-	79 217	-	-	-	79 217	0.2	46 171.40	0.1
Government Aid		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Mixed		12	-	12	165 733	-	203 102	-	-	-	206 593	0.5	120 687.00	0.3
In Ballast		-	19	19	217 355	-	-	3 491	-	-	-	0.0	14 366.91	0.0
Total Coastal		41	19	60	616 492	198 283	282 319	3 491	-	-	484 093	1.2	346 273.86	0.9
NON-CARGO:														
		34	95	129	120 166	-	-	-	-	-	-	0.0	25 595.82	0.1
TOTAL DOWNBOUND		1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0	15 134 091.48	40.5
GRAND TOTAL		2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 991.97	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1988

Table 8M

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
Canada	1 320	536	1 856	22 543 784	15 893 380	10 957 043	-	-	39 673	26 890 096	66.3	20 613 731.16	55.2
United States	28	43	71	159 084	22 801	7 438	1 363	-	2	31 604	0.1	46 708.61	0.1
Baltic Countries	9	1	10	206 532	60 346	74 082	-	-	49 287	183 715	0.5	207 870.52	0.6
Belgium	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Denmark	8	-	8	173 288	1 376	101 496	-	2 028	88 235	193 135	0.5	251 298.47	0.7
Norway	3	3	6	36 582	14 017	-	-	-	1 868	15 885	0.0	19 719.17	0.1
Sweden	1	1	2	15 112	8 726	-	-	-	-	8 726	0.0	2 587.81	0.0
Finland	10	2	12	74 550	39 834	2 000	3 371	-	29 728	74 933	0.2	103 855.51	0.3
France	4	-	4	49 540	1 241	9 025	-	-	19 831	30 097	0.1	50 562.91	0.1
West Germany	6	-	6	99 986	-	50 578	-	-	44 376	94 954	0.2	125 714.01	0.3
Greece	2	2	4	31 045	-	-	-	-	3 712	3 712	0.0	10 130.32	0.0
Italy	94	16	110	1 576 372	370 670	405 450	8 602	1 967	517 892	1 304 581	3.2	1 708 194.53	4.6
Poland	3	3	6	92 274	16 400	16 424	-	-	16 650	49 474	0.1	64 018.64	0.2
Russia	43	13	56	927 486	17 259	486 506	-	-	245 103	748 868	1.8	846 764.33	2.3
Spain	22	12	34	343 948	-	91 719	-	215	15 881	107 815	0.3	108 135.34	0.3
Yugoslavia	22	4	26	165 624	139 173	16 069	-	-	30 053	185 295	0.5	201 747.19	0.5
Iceland	78	8	86	1 471 268	393 202	475 924	-	428	391 437	1 260 991	3.1	1 501 232.63	4.0
Cuba	10	-	10	43 728	59 174	-	-	-	-	59 174	0.1	53 796.14	0.1
Panama	6	2	8	124 432	42 457	40 641	-	-	-	83 099	0.2	67 176.34	0.2
West Indies	186	36	222	2 874 530	759 305	821 342	20 520	1 752	810 175	2 413 094	5.9	2 955 742.73	7.9
British W. Indies and Bermuda	16	2	18	142 504	-	48 191	-	3 521	74 947	126 659	0.3	193 843.31	0.5
Central America	65	16	81	856 659	349 819	120 677	-	-	197 113	667 609	1.6	832 056.50	2.2
Brazil	-	1	1	496	-	-	-	-	-	-	0.0	70.00	0.0
Venezuela	2	-	2	28 300	-	-	-	2 538	694	3 232	0.0	5 850.94	0.0
Peru	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
China (Nationalist)	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
India	2	-	2	21 716	4 904	-	-	-	2 840	7 744	0.0	11 756.08	0.0
Japan	26	2	28	462 920	139 456	166 588	-	-	131 215	437 259	1.1	512 499.87	1.4
Middle East	14	-	14	247 770	104 494	36 783	-	955	103 013	245 245	0.6	340 787.19	0.9
Israel	141	26	167	2 345 901	469 702	734 828	26 160	5 604	839 196	2 075 490	5.1	2 685 542.04	7.2
Turkey	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other Asia	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Liberia	65	11	76	956 094	424 747	166 569	16 641	27	153 546	761 530	1.9	827 337.76	2.2
Algeria	176	14	190	2 573 850	1 040 490	551 127	6 687	19 603	670 254	2 288 161	5.6	2 738 122.36	7.3
French Africa	3	1	4	39 072	-	-	-	215	7 548	7 763	0.0	18 857.39	0.1
Other	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other	17	5	22	254 397	23 588	88 440	4 112	-	81 590	197 730	0.5	254 282.17	0.7
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0	37 358 991.97	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1988

Table 9M

MONTREAL-LAKE ONTARIO SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	10 578 321	-	-	-	10 578 321	26.1
Corn	-	2 232 660	-	-	-	2 232 660	5.5
Rye	-	16 310	-	-	-	16 310	0.0
Oats	-	32 221	-	-	-	32 221	0.1
Barley	-	1 115 540	-	-	-	1 115 540	2.8
Flour, Wheat	-	-	3 549	-	-	3 549	0.0
Flour, Edible, Other	-	-	3 521	40	18	3 579	0.0
Soybeans	-	715 604	-	-	-	715 604	1.8
Soybean Oil, Cake and Meal	7 600	-	-	-	-	7 600	0.0
Beans and Peas	-	213 741	-	-	-	213 741	0.5
Malt	-	1 138	-	-	-	1 138	0.0
Flaxseed	-	258 288	-	-	-	258 288	0.6
Sunflower Seeds	-	14 106	-	-	-	14 106	0.0
Other Agricultural Products	28 459	291 011	32 387	269	565	352 691	0.9
Total Agricultural Products	36 059	15 468 940	39 457	309	583	15 545 348	38.3
Packing House Products, Edible	-	-	-	34	16	50	0.0
Hides, Skins and Pelts	-	-	-	-	1	1	0.0
Other Animal Products	72 853	-	-	430	149	73 432	0.2
Total Animal Products	72 853	-	-	464	166	73 483	0.2
Bituminous Coal	712 945	-	-	-	-	712 945	1.8
Coke	1 466 718	-	-	-	-	1 466 718	3.6
Iron Ore	10 810 682	-	-	-	-	10 810 682	26.7
Aluminum Ore and Concentrates	230 356	-	-	-	-	230 356	0.6
Clay and Bentonite	240 823	-	-	-	-	240 823	0.6
Gravel and Sand	-	-	-	-	-	-	0.0
Stone, Ground or Crushed	432 370	-	-	-	-	432 370	1.1
Stone, Rough	-	-	-	41	-	41	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 027 602	-	-	-	-	1 027 602	2.5
Phosphate Rock	2 833	-	-	-	-	2 833	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 295 218	-	-	84	448	1 295 750	3.2
Total Mine Products	16 219 547	-	-	125	448	16 220 120	40.0
Pulpwood	215	-	-	-	-	215	0.0
Other Forest Products	1 816	-	-	136	28 061	30 013	0.1
Total Forest Products	2 031	-	-	136	28 061	30 228	0.1
Gasoline	248 120	-	-	-	-	248 120	0.6
Fuel Oil	879 438	-	-	-	-	879 438	2.2
Lubricating Oils and Grease	28 218	-	-	-	-	28 218	0.1
Petroleum Products, Other	141 952	-	-	-	-	141 952	0.4
Rubber, Crude, Natural, Synthetic	-	-	-	-	22	22	0.0
Chemicals	1 032 609	-	-	1 435	2 715	1 036 759	2.6
Sodium Products	124 836	-	-	196	-	125 032	0.3
Tar, Pitch and Creosote	27 104	-	-	-	-	27 104	0.1
Pig Iron	93 248	-	-	-	-	93 248	0.2
Iron and Steel, Bars, Rods, Slabs	26 728	-	-	1 693	1 552 836	1 581 257	3.9
Iron and Steel, Nails and Wire	-	-	-	1 777	8 893	10 670	0.0
Iron and Steel, Manufactured	90	-	-	1 484	2 723 232	2 724 806	6.7
Machinery and Machines	1 807	-	-	9 298	52 863	63 968	0.2
Cement	32 101	-	-	-	-	32 101	0.1
Woodpulp	169 026	-	-	-	-	169 026	0.4
Newsprint	-	-	-	-	2 660	2 660	0.0
Syrup and Molasses	3 100	-	-	-	-	3 100	0.0
Sugar	261 721	-	-	-	5 012	266 733	0.7
Food Products	-	-	12 327	1 225	4	13 556	0.0
Scrap Iron and Steel	369 397	-	-	-	-	369 397	0.9
Other Manufactures and Misc. (1)	626 576	-	35 672	20 711	188 364	871 323	2.1
Total Manufactures and Misc.	4 066 071	-	47 999	37 819	4 536 601	8 688 490	21.4
GRAND TOTAL	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1988

Table 10M Part A

MONTREAL-LAKE ONTARIO SECTION

Table 10m Part A		MONTREAL-LAKE ONTARIO SECTION								
NO.	COMMODITY	From: To:	UPBOUND TONNES				TOTAL UPBOUND	% OF TOTAL UPBOUND		
			Canada		United States				Foreign	
			Canada	United States	Canada	United States			Canada	United States
1	Wheat		6 340	-	-	-	-	6 340	0.0	
2	Corn		-	-	-	-	-	-	0.0	
3	Rye		-	-	-	-	-	-	0.0	
4	Oats		-	-	-	-	-	-	0.0	
5	Barley		-	-	-	-	-	-	0.0	
6	Flour, Wheat		-	-	-	-	-	-	0.0	
7	Flour, Edible, Other		-	-	-	-	-	-	0.0	
8	Soybeans		-	-	-	-	-	-	0.0	
9	Soybeans Oil, Cake and Meal		-	-	-	-	-	-	0.0	
10	Beans and Peas		-	-	-	-	-	-	0.0	
11	Malt		-	-	-	-	-	-	0.0	
12	Flaxseed		-	-	-	-	-	-	0.0	
13	Sunflower Seeds		-	-	-	-	-	-	0.0	
14	Other Agricultural Products		-	-	-	211	68	279	0.0	
15	Total Agricultural Products		6 340	-	-	211	68	6 619	0.0	
16	Packing House Products, Edible		-	-	-	-	-	-	0.0	
17	Hides, Skins and Pelts		-	-	-	1	-	1	0.0	
18	Other Animal Products		-	-	-	163	40	203	0.0	
19	Total Animal Products		-	-	-	164	40	204	0.0	
20	Bituminous Coal		-	-	-	-	313	313	0.0	
21	Coke		-	6 620	-	-	190 614	197 234	1.1	
22	Iron Ore		5 741 415	5 001 689	-	-	67 578	10 810 682	58.0	
23	Aluminum Ore and Concentrates		12 736	-	-	194 887	22 733	230 356	1.2	
24	Clay and Bentonite		-	-	-	-	4 589	4 589	0.0	
25	Gravel and Sand		-	-	-	-	-	-	0.0	
26	Stone, Ground or Crushed		45 153	-	-	-	-	45 153	0.2	
27	Stone, Rough		-	-	-	41	-	41	0.0	
28	Petroleum, Crude		-	-	-	-	-	-	0.0	
29	Salt		-	-	-	-	-	-	0.0	
30	Phosphate Rock		-	-	2 833	-	-	2 833	0.0	
31	Sulphur		-	-	-	-	-	-	0.0	
32	Other Mine Products		553 382	25 201	21 770	175 794	202 146	978 293	5.2	
33	Total Mine Products		6 352 686	5 033 510	24 603	370 722	487 973	12 269 494	65.8	
34	Pulpwood		-	-	-	-	-	-	0.0	
35	Other Forest Products		-	-	-	2 623	50	2 673	0.0	
36	Total Forest Products		-	-	-	2 623	50	2 673	0.0	
37	Gasoline		103 770	12 308	-	59 510	-	175 588	0.9	
38	Fuel Oil		66 673	246 898	13 605	56 346	5 631	389 153	2.1	
39	Lubricating Oils and Grease		6 880	-	6 896	12 941	-	26 717	0.1	
40	Petroleum Products, Other		11 771	473	12 130	74 857	1 198	100 429	0.5	
41	Rubber, Crude, Natural, Synthetic		-	-	-	-	-	-	0.0	
42	Chemicals		5 286	1 818	153 449	276 391	147 271	584 215	3.1	
43	Sodium Products		-	-	12 020	107	72	12 199	0.1	
44	Tar, Pitch and Creosote		-	-	-	-	-	-	0.0	
45	Pig Iron		15 641	70 153	-	-	7 454	93 248	0.5	
46	Iron and Steel, Bars, Rods, Slabs		-	-	-	1 155 238	416 344	1 571 582	8.4	
47	Iron and Steel, Nails and Wire		-	-	-	7 220	3 257	10 477	0.1	
48	Iron and Steel, Manufactured		73	-	-	374 811	2 072 272	2 447 156	13.1	
49	Machinery and Machines		1 443	-	-	15 368	32 696	49 507	0.3	
50	Cement		5 595	16 535	-	4 837	-	26 967	0.1	
51	Woodpulp		-	-	-	25 971	103 243	129 214	0.7	
52	Newsprint		-	-	-	-	-	-	0.0	
53	Syrup and Molasses		3 100	-	-	-	-	3 100	0.0	
54	Sugar		-	-	-	261 721	5 012	266 733	1.4	
55	Food Products		-	-	-	626	259	885	0.0	
56	Scrap Iron and Steel		-	-	-	-	12 012	12 012	0.1	
57	Other Manufactures and Misc. (1)		1 293	22 059	3 220	122 190	327 326	476 088	2.6	
58	Total Manufactures and Misc.		221 525	370 244	201 320	2 448 134	3 134 047	6 375 270	34.2	
59	GRAND TOTAL		6 580 551	5 403 754	225 923	2 821 854	3 622 178	18 654 260	100.0	

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1988

Table 10M Part B

MONTREAL-LAKE ONTARIO SECTION

		DOWNBOUND TONNES						TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
From:	Canada			United States			TOTAL CARGO TONNES			% OF TOTAL		
	Canada	United States	Foreign	Canada	United States	Foreign						
To:	Canada	United States	Foreign	Canada	United States	Foreign						
	8 202 293	-	322 917	681 919	-	1 364 852	10 571 981	48.3	10 578 321	26.1	1	
	130 515	-	80 034	1 082 356	-	939 755	2 232 660	10.2	2 232 660	5.5	2	
	3 600	-	2 300	-	-	10 410	16 310	0.1	16 310	0.0	3	
	28 384	-	3 837	-	-	-	32 221	0.14	32 221	0.1	4	
	491 371	-	24 421	250 291	-	349 457	1 115 540	5.1	1 115 540	2.8	5	
	-	-	154	-	-	3 395	3 549	0.0	3 549	0.0	6	
	-	-	58	-	-	3 521	3 579	0.0	3 579	0.0	7	
	-	-	118 464	9 147	-	587 993	715 604	3.3	715 604	1.8	8	
	6 336	-	-	-	-	1 264	7 600	0.0	7 600	0.0	9	
	-	-	158 110	-	-	55 631	213 741	1.0	213 741	0.5	10	
	-	-	1 138	-	-	-	1 138	0.0	1 138	0.0	11	
	-	-	258 288	-	-	-	258 288	1.2	258 288	0.6	12	
	-	-	-	-	-	14 106	14 106	0.1	14 106	0.0	13	
	18 290	-	120 446	-	-	213 676	352 412	1.6	352 691	0.9	14	
	8 880 789	-	1 090 167	2 023 713	-	3 544 060	15 538 729	70.9	15 545 348	38.3	15	
	-	-	50	-	-	-	50	0.0	50	0.0	16	
	-	-	-	-	-	-	-	0.0	1	0.0	17	
	-	-	36 090	-	-	37 139	73 229	0.3	73 432	0.2	18	
	-	-	36 140	-	-	37 139	73 279	0.3	73 483	0.2	19	
	21 797	-	-	654 576	-	36 259	712 632	3.3	712 945	1.8	20	
	134 233	-	31 891	737 864	-	365 496	1 269 484	5.8	1 466 718	3.6	21	
	-	-	-	-	-	-	-	0.0	10 810 682	26.7	22	
	-	-	-	-	-	-	-	0.0	230 356	0.6	23	
	-	-	-	145 632	-	90 602	236 234	1.1	240 823	0.6	24	
	-	-	-	-	-	-	-	0.0	-	0.0	25	
	266 276	-	-	120 941	-	-	387 217	1.8	432 370	1.1	26	
	-	-	-	-	-	-	-	0.0	41	0.0	27	
	-	-	-	-	-	-	-	0.0	-	0.0	28	
	870 998	-	-	156 604	-	-	1 027 602	4.7	1 027 602	2.5	29	
	-	-	-	-	-	-	-	0.0	2 833	0.0	30	
	-	-	-	-	-	-	-	0.0	-	0.0	31	
	15 404	20 935	271 816	-	-	9 302	317 457	1.4	1 295 750	3.2	32	
	1 308 708	20 935	303 707	1 815 617	-	501 659	3 950 626	18.0	16 220 120	40.0	33	
	-	-	215	-	-	-	215	0.0	215	0.0	34	
	-	-	27 340	-	-	-	27 340	0.1	30 013	0.1	35	
	-	-	27 555	-	-	-	27 555	0.1	30 228	0.1	36	
	72 532	-	-	-	-	-	72 532	0.3	248 120	0.6	37	
	439 606	50 679	-	-	-	-	490 285	2.2	879 438	2.2	38	
	-	-	1 002	-	-	499	1 501	0.0	28 218	0.1	39	
	21 635	8 128	11 760	-	-	-	41 523	0.2	141 952	0.4	40	
	-	-	22	-	-	-	22	0.0	22	0.0	41	
	126 297	90 792	227 702	-	-	7 753	452 544	2.1	1 036 759	2.6	42	
	112 816	-	17	-	-	-	112 833	0.5	125 032	0.3	43	
	4 193	-	-	22 911	-	-	27 104	0.1	27 104	0.1	44	
	-	-	-	-	-	-	-	0.0	93 248	0.2	45	
	-	-	9 675	-	-	-	9 675	0.0	1 581 257	3.9	46	
	-	-	193	-	-	-	193	0.0	10 670	0.0	47	
	17	-	83 744	4 903	-	188 986	277 650	1.3	2 724 806	6.7	48	
	364	-	3 002	1 671	-	9 424	14 461	0.1	63 968	0.2	49	
	-	-	5 134	-	-	-	5 134	0.0	32 101	0.1	50	
	-	-	39 812	-	-	-	39 812	0.2	169 026	0.4	51	
	-	-	2 660	-	-	-	2 660	0.0	2 660	0.0	52	
	-	-	-	-	-	-	-	0.0	3 100	0.0	53	
	-	-	-	-	-	-	-	0.0	266 733	0.7	54	
	-	-	2 387	-	-	10 284	12 671	0.1	13 556	0.0	55	
	-	-	216 067	-	-	141 318	357 385	1.6	369 397	0.9	56	
	24	-	83 629	454	-	311 128	395 235	1.8	871 323	2.1	57	
	777 484	149 599	686 806	29 939	-	669 392	2 313 220	10.6	8 688 490	21.4	58	
	10 966 981	170 534	2 144 375	3 869 269	-	4 752 250	21 903 409	100.0	40 557 669	100.0	59	

Table 11M

MONTREAL-LAKE ONTARIO SECTION

42

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1988

Table 12M

MONTREAL-LAKE ONTARIO SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Con- tainers	General	Total	%
UPBOUND:											
under 1000	42	94	136	41 342	5 701	-	-	-	710	6 411	0.0
1000 - 1999	19	9	28	49 476	27 799	-	-	3 509	8 855	40 163	0.1
2000 - 2999	4	4	8	23 452	9 287	-	-	-	3 392	12 679	0.0
3000 - 3999	31	12	43	154 332	118 987	-	-	121	9 978	129 086	0.3
4000 - 4999	47	23	70	330 675	298 191	-	-	-	5 856	304 047	0.7
5000 - 5999	47	44	91	520 171	247 602	6 340	-	-	34 917	288 859	0.7
6000 - 6999	23	12	35	226 871	102 685	-	-	-	52 050	154 735	0.4
7000 - 7999	23	4	27	206 572	131 896	-	-	-	59 238	191 134	0.5
8000 - 8999	23	12	35	295 828	113 862	-	-	2 610	53 464	169 936	0.4
9000 - 9999	29	30	59	561 354	195 346	-	-	2 334	44 624	242 304	0.6
10000 - 10999	24	4	28	297 167	146 472	-	-	97	79 715	226 284	0.6
11000 - 11999	34	5	39	447 653	302 929	-	-	-	44 526	347 455	0.9
12000 - 12999	18	7	25	313 880	98 816	-	-	-	95 514	194 330	0.5
13000 - 13999	29	24	53	723 941	234 727	-	-	-	145 089	379 816	0.9
14000 - 14999	33	2	35	508 226	344 878	-	-	1 700	171 062	517 640	1.3
15000 - 15999	141	44	185	2 903 948	2 669 105	-	-	1 293	410 697	3 081 095	7.6
16000 - 16999	270	84	354	5 815 099	4 844 780	-	-	1 942	1 143 529	5 990 251	14.8
17000 & over	294	31	325	6 085 646	4 503 060	-	-	17 428	1 857 547	6 378 035	15.7
Total Up	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	18 654 260	46.0
DOWNBOUND:											
under 1000	37	94	131	43 458	405	-	-	-	1 217	1 622	0.0
1000 - 1999	9	17	26	46 700	9 186	-	-	12	5 191	14 389	0.0
2000 - 2999	1	6	7	20 481	-	2 917	-	-	-	2 917	0.0
3000 - 3999	23	21	44	158 242	100 898	9 643	-	-	44	110 585	0.3
4000 - 4999	43	28	71	335 445	229 661	45 106	-	-	2 904	277 671	0.7
5000 - 5999	62	28	90	513 755	360 178	73 993	-	-	3 462	437 633	1.1
6000 - 6999	29	4	33	213 757	190 151	34 223	4 575	-	10 791	239 740	0.6
7000 - 7999	25	5	30	230 794	140 386	20 664	486	688	14 756	176 980	0.4
8000 - 8999	30	6	36	304 432	130 584	38 619	29 893	188	14 819	214 103	0.5
9000 - 9999	53	7	60	571 841	147 110	359 723	30 320	3 436	26 453	567 042	1.4
10000 - 10999	17	13	30	318 509	68 425	56 466	3 690	2 541	16 561	147 683	0.4
11000 - 11999	35	4	39	447 653	307 337	48 880	9 541	116	4 621	370 495	0.9
12000 - 12999	15	9	24	300 574	50 591	143 227	-	-	1 066	194 884	0.5
13000 - 13999	51	1	52	710 007	305 393	455 417	7 893	-	34 333	803 036	2.0
14000 - 14999	30	5	35	508 764	47 427	439 384	1 058	838	17 059	505 766	1.2
15000 - 15999	165	18	183	2 873 446	127 702	3 496 553	-	-	16 417	3 640 672	9.0
16000 - 16999	322	28	350	5 750 632	670 142	6 559 181	-	-	37 919	7 267 242	17.9
17000 & over	304	21	325	6 084 721	3 114 862	3 678 604	-	-	137 483	6 930 949	17.1
Total Down	1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	21 903 409	54.0
TOTALS:											
under 1000	79	188	267	84 800	6 106	-	-	-	1 927	8 033	0.0
1000 - 1999	28	26	54	96 176	36 985	-	-	3 521	14 046	54 552	0.1
2000 - 2999	5	10	15	43 933	9 287	2 917	-	-	3 392	15 596	0.0
3000 - 3999	54	33	87	312 574	219 885	9 643	-	121	10 022	239 671	0.6
4000 - 4999	90	51	141	666 120	527 852	45 106	-	-	8 760	581 718	1.4
5000 - 5999	109	72	181	1 033 926	607 780	80 333	-	-	38 379	726 492	1.8
6000 - 6999	52	16	68	440 628	292 836	34 223	4 575	-	62 841	394 475	1.0
7000 - 7999	48	9	57	437 366	272 282	20 664	486	688	73 994	368 114	0.9
8000 - 8999	53	18	71	600 260	244 446	38 619	29 893	2 798	68 283	384 039	0.9
9000 - 9999	82	37	119	1 133 195	342 456	359 723	30 320	5 770	71 077	809 346	2.0
10000 - 10999	41	17	58	615 676	214 897	56 466	3 690	2 638	96 276	373 967	0.9
11000 - 11999	69	9	78	895 306	610 266	48 880	9 541	116	49 147	717 950	1.8
12000 - 12999	33	16	49	614 454	149 407	143 227	-	-	96 580	389 214	1.0
13000 - 13999	80	25	105	1 433 948	540 120	455 417	7 893	-	179 422	1 182 852	2.9
14000 - 14999	63	7	70	1 016 990	392 305	439 384	1 058	2 538	188 121	1 023 406	2.5
15000 - 15999	306	62	368	5 777 394	2 796 807	3 496 553	-	1 293	427 114	6 721 767	16.6
16000 - 16999	592	112	704	11 565 731	5 514 922	6 559 181	-	1 942	1 181 448	13 257 493	32.7
17000 & over	598	52	650	12 170 367	7 617 922	3 678 604	-	17 428	1 995 030	13 308 984	32.8
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	40 557 669	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO
1988

Table 13M

DIRECTION AND MONTH		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE				
		Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%		
UPBOUND:																
March	10	14	24	297 004	168 523	-	-	-	31 554	-	200 077	0.5	232 026.03	0.6		
April	100	91	191	2 471 314	1 117 771	-	-	1 363	491 884	-	1 611 018	4.0	2 145 741.80	5.7		
May	123	91	214	2 695 166	1 604 121	-	-	3 535	519 779	-	2 127 435	5.2	2 605 334.18	7.0		
June	118	71	189	2 233 390	1 471 769	-	-	3 102	489 006	-	1 963 877	4.8	2 414 562.73	6.5		
July	123	23	146	1 792 453	1 465 520	-	-	6 421	482 886	-	1 954 827	4.8	2 370 390.18	6.3		
August	137	34	171	2 069 888	1 863 451	-	-	2 625	404 079	-	2 270 155	5.6	2 562 013.14	6.9		
September	131	23	154	1 923 019	1 677 224	-	-	4 789	451 675	-	2 133 688	5.3	2 474 150.83	6.6		
October	145	29	174	2 225 572	1 953 859	6 340	-	5 858	492 622	-	2 458 679	6.1	2 854 770.80	7.6		
November	181	43	224	2 743 613	2 035 853	-	-	3 341	813 283	-	2 852 477	7.0	3 546 259.54	9.5		
December	63	26	89	1 054 214	1 038 032	-	-	-	43 995	-	1 082 027	2.7	1 019 651.26	2.7		
January	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
February	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Total Upbound	1 131	445	1 576	19 505 633	14 396 123	6 340	-	31 034	4 220 763	-	18 654 260	46.0	22 224 900.49	59.5		
DOWNBOUND:																
March	5	1	6	85 080	52 956	72 376	-	-	-	-	125 332	0.3	89 500.68	0.2		
April	122	23	145	1 841 165	402 352	2 030 837	-	200	3 358	-	2 436 747	6.0	1 533 316.57	4.1		
May	201	29	230	3 033 109	630 058	2 974 571	8 909	988	9 995	-	3 624 521	8.9	2 319 817.50	6.2		
June	147	35	182	2 209 749	754 223	1 722 175	11 318	472	27 016	-	2 515 204	6.2	1 756 727.29	4.7		
July	124	26	150	1 785 536	640 089	1 375 764	17 188	1 301	15 989	-	2 050 331	5.1	1 425 091.58	3.8		
August	127	54	181	2 124 415	787 435	1 272 753	18 666	382	15 369	-	2 094 605	5.2	1 518 880.97	4.1		
September	112	29	141	1 754 369	776 585	1 144 084	4 112	2 329	7 424	-	1 934 534	4.8	1 383 071.03	3.7		
October	141	30	171	2 185 209	656 468	1 775 416	18 884	927	38 394	-	2 490 089	6.1	1 690 422.64	4.5		
November	153	52	205	2 496 379	696 463	1 911 722	-	936	81 320	-	2 690 441	6.6	1 897 182.94	5.1		
December	119	36	155	1 918 200	603 809	1 182 902	8 379	284	146 231	-	1 941 605	4.8	1 520 080.28	4.1		
January	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
February	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Total Downbound	1 251	315	1 566	19 433 211	6 000 438	15 462 600	87 456	7 819	345 096	-	21 903 409	54.0	15 134 091.48	40.5		
TOTALS:																
March	15	15	30	382 084	221 479	72 376	-	-	31 554	-	325 709	0.8	321 526.71	0.9		
April	222	114	336	4 312 479	1 520 123	2 030 837	-	1 563	495 242	-	4 047 765	10.0	3 679 058.37	9.8		
May	324	120	444	5 728 275	2 234 179	2 974 571	8 909	4 523	529 774	-	5 751 956	14.2	4 925 151.68	13.2		
June	265	106	371	4 443 139	2 225 992	1 722 175	11 318	3 574	516 022	-	4 479 081	11.0	4 171 290.02	11.2		
July	247	49	296	3 577 989	2 105 609	1 375 764	17 188	7 722	498 875	-	4 005 158	9.9	3 795 481.76	10.2		
August	264	88	352	4 194 303	2 650 886	1 272 753	18 666	3 007	419 448	-	4 364 760	10.8	4 080 894.11	10.9		
September	243	52	295	3 677 388	2 453 809	1 144 084	4 122	7 118	459 099	-	4 068 222	10.0	3 857 221.86	10.3		
October	286	59	345	4 410 781	2 610 327	1 781 756	18 884	6 785	531 016	-	4 948 768	12.2	4 545 193.44	12.2		
November	334	95	429	5 239 992	2 732 316	1 911 722	-	4 277	894 603	-	5 842 918	13.7	5 443 442.48	14.6		
December	182	62	244	2 972 414	1 641 841	1 182 902	8 379	284	190 226	-	3 023 632	7.5	2 539 731.54	6.8		
January	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
February	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
GRAND TOTAL	2 382	760	3 142	38 938 844	20 396 561	15 468 940	87 456	38 853	4 565 859	-	40 557 669	100.0	37 358 991.97	100.0		

TRAFFIC RESULTS
1959-1988

HISTORICAL TABLE 14M

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL
1959	3 732	3 720	7 452	9 933 505	8 748 278	18 681 783	12 577 585	12 508 410	25 085 995	\$5 516 900	\$4 529 977	\$10 046 877
1960	3 445	3 424	6 869	7 966 552	10 458 683	18 425 235	12 609 246	12 522 004	25 131 250	\$4 529 504	\$5 579 555	\$10 109 059
1961	3 445	3 447	6 892	7 470 204	13 773 993	21 244 197	14 493 351	14 415 227	28 908 578	\$4 445 583	\$6 961 477	\$11 407 060
1962	3 170	3 181	6 351	9 869 712	13 348 410	23 218 122	15 472 804	15 538 657	31 011 461	\$5 686 163	\$6 886 612	\$12 574 775
1963	3 152	3 133	6 285	12 283 320	15 787 597	28 070 917	17 537 549	17 493 162	35 030 711	\$7 005 530	\$8 116 752	\$15 122 282
1964	3 383	3 396	6 779	16 806 727	18 853 823	35 660 550	20 266 121	20 322 026	40 588 147	\$9 394 046	\$9 691 201	\$19 085 247
1965	3 634	3 696	7 330	20 062 880	19 293 390	39 356 270	22 185 070	22 283 710	44 468 780	\$12 010 414	\$9 798 598	\$21 809 012
1966	3 666	3 675	7 341	23 381 538	21 296 726	44 678 264	25 051 331	24 966 394	50 017 725	\$13 613 843	\$10 720 519	\$24 334 362
1967	3 446	3 475	6 921	24 260 978	15 681 129	39 942 107	23 050 237	23 128 249	46 178 486	\$14 045 734	\$8 304 054	\$22 349 788
1968	3 270	3 306	6 576	27 566 575	15 936 424	43 502 999	23 968 459	24 043 967	48 012 426	\$16 509 868	\$8 378 997	\$24 888 865
1969	3 198	3 194	6 392	20 362 081	16 845 229	37 207 310	21 487 237	21 519 976	43 007 213	\$12 410 508	\$9 045 970	\$21 456 478
1970	3 122	3 158	6 280	22 897 783	23 523 651	46 421 434	22 538 319	22 591 596	45 129 915	\$13 427 323	\$12 031 904	\$25 459 227
1971	3 023	3 048	6 071	23 615 721	24 453 688	48 069 409	24 314 664	24 842 334	49 656 998	\$15 134 510	\$12 272 127	\$27 406 637
1972	2 977	2 985	5 962	23 119 000	25 557 430	48 676 430	25 124 503	25 089 415	50 213 918	\$14 569 703	\$12 731 386	\$27 301 089
1973	3 064	3 061	6 125	25 065 766	27 219 041	52 284 807	25 788 061	25 949 756	51 737 817	\$14 508 317	\$13 386 074	\$27 894 391
1974	2 140	2 120	4 260	20 870 412	19 178 567	40 048 979	18 975 796	19 057 417	38 033 213	\$11 742 003	\$9 577 814	\$21 319 817
1975	2 353	2 351	4 704	19 899 887	23 654 416	43 554 303	22 041 474	22 062 562	44 104 036	\$11 022 784	\$11 569 430	\$22 592 214
1976	2 426	2 433	4 859	26 143 114	23 205 325	49 348 439	24 111 968	24 155 231	48 267 199	\$14 178 101	\$11 635 123	\$25 813 224
1977	2 594	2 591	5 185	31 764 277	25 692 064	57 456 341	27 034 614	27 070 012	54 104 626	\$18 087 006	\$12 682 285	\$30 769 291
1978	2 640	2 622	5 262	24 854 039	32 088 641	56 942 680	29 421 326	29 238 061	58 659 387	\$17 373 230	\$15 837 793	\$33 211 023
1979	2 425	2 421	4 846	24 382 965	30 939 128	55 322 093	27 354 785	27 387 252	54 742 037	\$19 829 809	\$16 035 932	\$35 865 741
1980	2 482	2 476	4 958	14 925 615	34 528 494	49 454 109	28 092 501	28 258 082	56 350 583	\$13 253 210	\$19 145 125	\$32 398 335
1981	2 283	2 291	4 574	18 822 201	31 747 056	50 569 257	26 422 767	26 428 932	52 851 699	\$17 478 725	\$16 933 100	\$34 411 825
1982	2 147	2 156	4 303	11 149 898	31 665 416	42 815 314	25 716 121	25 798 862	51 514 983	\$12 588 296	\$20 744 385	\$33 332 681
1983	1 931	1 939	3 870	15 579 017	29 481 964	45 060 981	24 194 830	24 155 396	48 350 226	\$18 567 582	\$19 113 308	\$37 680 890
1984	1 878	1 881	3 759	18 636 683	28 868 773	47 505 456	24 133 253	24 198 087	48 331 340	\$22 956 821	\$18 642 079	\$41 598 900
1985	1 538	1 550	3 088	14 825 309	22 496 389	37 321 698	19 348 019	19 581 652	38 929 671	\$18 210 621	\$15 355 006	\$33 565 627
1986	1 663	1 644	3 307	14 646 185	22 935 623	37 581 808	20 702 503	20 768 506	41 471 009	\$18 086 324	\$15 968 059	\$34 054 383
1987	1 614	1 613	3 227	16 810 464	23 158 151	39 968 615	20 135 888	20 350 874	40 486 762	\$20 154 446	\$15 327 153	\$35 481 599
1988	1 576	1 566	3 142	18 654 260	21 903 409	40 557 669	19 505 633	19 433 211	38 938 844	\$22 224 901	\$15 134 091	\$37 358 992
TOTAL	81 417	81 553	162 970	566 626 668	672 320 908	1 238 947 576	664 156 015	665 159 020	1 329 315 035	\$418 563 805	\$372 135 886	\$790 699 691

CARGO BY TARIFF CLASSIFICATION
1959-1988

HISTORICAL TABLE 15M					MONTREAL-LAKE ONTARIO SECTION							
YEAR	BULK		GRAINS		GOVT AID		CONTAINERS		GENERAL		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	16 912 625	90.5	-	0.0	-	0.0	-	0.0	1 769 158	9.5	18 681 783	100.0
1960	16 380 534	88.9	-	0.0	-	0.0	-	0.0	2 044 701	11.1	18 425 235	100.0
1961	19 362 530	91.1	-	0.0	-	0.0	-	0.0	1 881 667	8.9	21 244 197	100.0
1962	20 934 187	90.2	-	0.0	-	0.0	-	0.0	2 283 935	9.8	23 218 122	100.0
1963	25 403 072	90.5	-	0.0	-	0.0	-	0.0	2 667 844	9.5	28 070 916	100.0
1964	32 325 207	90.6	-	0.0	-	0.0	-	0.0	3 335 343	9.4	35 660 550	100.0
1965	34 294 717	87.1	-	0.0	-	0.0	-	0.0	5 061 553	12.9	39 356 270	100.0
1966	39 699 009	88.9	-	0.0	-	0.0	-	0.0	4 979 255	11.1	44 678 264	100.0
1967	34 532 794	86.5	-	0.0	-	0.0	-	0.0	5 229 313	13.5	39 942 107	100.0
1968	36 242 775	83.3	-	0.0	-	0.0	-	0.0	7 260 224	16.7	43 502 999	100.0
1969	30 807 438	82.8	-	0.0	-	0.0	-	0.0	6 399 872	17.2	37 207 310	100.0
1970	40 481 680	87.2	-	0.0	-	0.0	-	0.0	5 939 754	12.8	46 421 434	100.0
1971	40 252 577	83.7	-	0.0	-	0.0	-	0.0	7 816 832	16.3	48 069 409	100.0
1972	41 558 573	85.4	-	0.0	-	0.0	-	0.0	7 117 856	14.6	48 676 429	100.0
1973	47 000 157	89.9	-	0.0	-	0.0	-	0.0	5 284 650	10.1	52 284 807	100.0
1974	35 946 352	89.8	-	0.0	-	0.0	-	0.0	4 102 627	10.2	40 048 979	100.0
1975	40 272 182	92.5	-	0.0	-	0.0	-	0.0	3 282 122	7.5	43 554 304	100.0
1976	45 231 966	91.7	-	0.0	-	0.0	-	0.0	4 116 474	8.3	49 348 440	100.0
1977	51 294 573	89.3	-	0.0	-	0.0	-	0.0	6 161 768	10.7	57 456 341	100.0
1978	24 475 763	43.0	27 736 129	48.7	129 095	0.2	271 485	0.5	4 330 208	7.6	56 942 680	100.0
1979	26 537 818	48.0	24 716 522	44.7	158 942	0.3	229 229	0.4	3 679 582	6.7	55 322 093	100.0
1980	19 859 217	40.2	26 747 760	54.1	168 209	0.3	166 055	0.3	2 512 868	5.1	49 454 109	100.0
1981	22 403 159	44.3	24 453 200	48.4	242 632	0.5	64 746	0.1	3 405 520	6.7	50 569 257	100.0
1982	15 013 588	35.1	24 247 173	56.6	292 456	0.7	78 478	0.2	3 183 619	7.4	42 815 314	100.0
1983	17 158 894	38.1	24 262 669	53.8	294 379	0.7	60 073	0.1	3 284 966	7.3	45 060 981	100.0
1984	18 835 140	39.6	23 500 719	49.5	231 107	0.5	140 684	0.3	4 797 806	10.1	47 505 456	100.0
1985	16 638 709	44.6	16 374 978	43.9	261 917	0.7	113 671	0.3	3 932 423	10.5	37 321 698	100.0
1986	16 988 516	45.2	16 354 059	43.5	227 670	0.6	59 943	0.2	3 951 620	10.5	37 581 808	100.0
1987	17 387 886	43.5	18 324 137	45.8	211 044	0.5	42 945	0.1	4 002 603	10.0	39 968 615	100.0
1988	20 396 561	50.3	15 468 940	38.1	87 456	0.2	38 853	0.1	4 565 859	11.3	40 557 669	100.0
TOTAL	864 628 199	69.8	242 186 286	19.5	2 304 907	0.2	1 266 162	0.1	128 562 022	10.4	1 238 947 576	100.0

TOTAL TOLLS REVENUE
1959-1988

HISTORICAL TABLE 16M							MONTREAL-LAKE ONTARIO SECTION				
YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL	
	BULK	GRAINS	GOVT AID	CONTAINERS	GENERAL	TOTAL					
1959	\$ 7 331 954	\$ NOT APPLICABLE	\$ NOT APPLICABLE	\$ NOT APPLICABLE	\$ 1 728 977	\$ 9 060 931	\$ 978 909	\$ NOT APPLICABLE	\$ 7 037	\$ 10 046 877	
1960	7 114 602	-	-	-	1 998 181	9 112 783	990 222	-	6 054	10 109 059	
1961	8 414 049	-	-	-	1 839 790	10 253 839	1 139 634	-	13 587	11 407 060	
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	17 320	12 574 775	
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	17 446	15 122 282	
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	14 822	19 085 247	
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	15 445	21 809 012	
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	15 148	24 334 362	
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	-	59 652	22 349 788	
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	-	8 505	24 888 865	
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	-	11 214	21 456 478	
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	-	8 306	25 459 227	
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	-	5 367	27 406 637	
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	-	5 656	27 301 089	
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	-	7 726	27 894 391	
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	-	12 930	21 319 817	
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	-	9 236	22 592 214	
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	-	5 633	25 813 224	
1977	22 528 087	-	-	-	6 094 594	28 622 671	2 140 978	-	5 642	30 769 291	
1978	12 069 904	11 371 813	52 929	182 583	5 465 001	29 142 230	4 061 063	-	7 730	33 211 023	
1979	16 253 029	10 133 774	65 157	154 741	5 459 472	32 066 173	3 793 081	-	6 487	35 865 741	
1980	13 219 689	10 966 582	68 963	112 825	4 125 449	28 493 508	3 896 952	-	7 875	32 398 335	
1981	14 977 551	10 025 813	99 479	43 356	5 596 334	30 742 533	3 661 658	-	7 634	34 411 825	
1982	11 595 158	11 637 709	140 056	61 188	6 053 279	29 487 390	3 826 592	-	18 699	33 332 681	
1983	14 309 062	12 615 852	153 066	50 868	6 704 465	33 833 313	3 829 563	-	18 014	37 680 890	
1984	15 517 893	12 220 374	119 889	118 834	9 806 857	27 783 847	3 793 441	-	21 612	41 598 900	
1985	13 688 440	8 514 974	136 105	96 081	8 045 094	30 480 694	3 058 865	-	26 068	33 565 627	
1986	14 011 885	8 503 773	118 388	50 596	8 072 769	30 757 411	3 264 590	-	32 382	34 054 383	
1987	14 403 203	9 526 102	109 636	36 356	8 184 021	32 259 218	3 186 952	-	35 329	35 481 599	
1988	16 808 409	8 040 430	45 106	32 417	9 342 348	34 268 710	3 055 434	-	34 848	37 358 992	
TOTAL	440 785 757	113 557 196	1 108 774	939 845	162 850 912	719 242 484	70 993 803	-	463 404	790 699 691	

VESSEL TRANSITS
1959-1988

HISTORICAL TABLE 17M MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL			
	CARGO TONNES	TRANSITS		TOTAL	CARGO TONNES	TRANSITS		TOTAL	CARGO TONNES	TRANSITS		TOTAL
		LOADED	BALLAST			LOADED	BALLAST			LOADED	BALLAST	
1959	9 933 504	2 468	1 264	3 732	8 748 279	2 586	1 134	3 720	18 681 783	5 054	2 398	7 452
1960	7 966 552	2 097	1 348	3 445	10 458 584	2 416	1 008	3 424	18 425 236	4 513	2 356	6 869
1961	7 470 204	1 932	1 513	3 445	13 773 993	2 590	857	3 447	21 244 197	4 522	2 370	6 892
1962	9 869 712	2 042	1 128	3 170	13 348 410	2 360	821	3 181	23 218 122	4 402	1 949	6 351
1963	12 283 320	2 147	1 005	3 152	15 787 596	2 271	862	3 133	28 070 916	4 418	1 867	6 285
1964	16 806 728	2 468	915	3 383	18 853 822	2 563	833	3 396	35 660 550	5 031	1 748	6 779
1965	20 062 880	2 813	821	3 634	19 293 390	2 590	1 106	3 696	39 356 270	5 403	1 927	7 330
1966	23 381 538	2 981	685	3 666	21 296 727	2 597	1 078	3 675	44 678 265	5 578	1 763	7 341
1967	24 260 977	2 863	583	3 446	15 681 130	2 050	1 425	3 475	39 942 107	4 913	2 008	6 921
1968	27 566 575	2 898	372	3 270	15 936 424	1 917	1 389	3 306	43 502 999	4 815	1 761	6 576
1969	20 362 082	2 538	660	3 198	16 845 229	1 954	1 240	3 194	37 207 311	4 492	1 900	6 392
1970	22 897 783	2 487	635	3 122	23 523 651	2 140	1 018	3 158	46 421 434	4 627	1 653	6 280
1971	23 615 722	2 532	491	3 023	24 453 687	2 146	902	3 048	48 069 409	4 678	1 393	6 071
1972	23 118 999	2 407	570	2 977	25 557 430	2 172	813	2 985	48 676 429	4 579	1 383	5 962
1973	25 065 766	2 323	741	3 064	27 219 041	2 198	863	3 061	52 284 807	4 521	1 604	6 125
1974	20 870 412	1 697	443	2 140	19 178 567	1 525	595	2 120	40 048 979	3 222	1 038	4 260
1975	19 899 887	1 626	727	2 353	23 654 416	1 864	487	2 351	43 554 303	3 490	1 214	4 704
1976	26 143 114	1 898	528	2 426	23 205 325	1 893	540	2 433	49 348 439	3 791	1 068	4 859
1977	31 764 277	2 233	361	2 594	25 692 063	1 952	639	2 591	57 456 340	4 185	1 000	5 185
1978	24 854 039	1 769	871	2 640	32 088 641	2 231	391	2 622	56 942 680	4 000	1 262	5 262
1979	24 382 965	1 600	825	2 425	30 939 128	2 105	316	2 421	55 322 093	3 705	1 141	4 846
1980	14 925 615	937	1 545	2 482	34 528 494	2 310	166	2 476	49 454 109	3 247	1 711	4 958
1981	18 822 201	1 168	1 115	2 283	31 747 056	2 035	256	2 291	50 569 257	3 203	1 371	4 574
1982	11 149 898	717	1 430	2 147	31 665 416	1 978	178	2 156	42 815 314	2 695	1 608	4 303
1983	15 579 017	955	976	1 931	29 481 964	1 770	169	1 939	45 060 981	2 725	1 145	3 970
1984	18 636 683	1 119	759	1 878	28 868 773	1 694	187	1 881	47 505 456	2 813	946	3 759
1985	14 825 309	924	614	1 538	22 496 380	1 361	189	1 550	37 321 698	2 285	803	3 088
1986	14 646 185	971	692	1 663	22 935 623	1 404	240	1 644	37 581 808	2 375	932	3 307
1987	16 810 464	1 054	560	1 614	23 158 151	1 313	300	1 613	39 968 615	2 367	860	3 227
1988	18 654 260	1 131	445	1 576	21 903 409	1 251	315	1 566	40 557 669	2 382	760	3 142
TOTAL	566 626 666	56 795	24 622	81 417	672 320 910	61 236	20 317	81 553	1 238 947 576	118 031	44 939	162 970

VESSEL ANALYSIS
1959-1988

HISTORICAL TABLE 18M

MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL	
	PERCENT OF TOTAL		TONNES/ LOADED TRANSIT	PERCENT LOADED	PERCENT OF TOTAL		TONNES/ LOADED TRANSIT	PERCENT LOADED	TONNES/ LOADED TRANSIT	PERCENT LOADED
	TONNES	TRANSITS			TONNES	TRANSITS				
1959	53.2%	50.1%	4 025	66.1%	46.8%	49.9%	3 383	69.5%	3 696	67.8%
1960	43.2%	50.2%	3 799	60.9%	56.8%	49.8%	4 329	70.6%	4 083	65.7%
1961	35.2%	50.0%	3 867	56.1%	64.8%	50.0%	5 318	75.1%	4 698	65.6%
1962	42.5%	49.9%	4 833	64.4%	57.5%	50.1%	5 656	74.2%	5 274	69.3%
1963	43.8%	50.2%	5 721	68.1%	56.2%	49.8%	6 952	72.5%	6 354	70.3%
1964	47.1%	49.9%	6 810	73.0%	52.9%	50.1%	7 356	75.5%	7 088	74.2%
1965	51.0%	49.6%	7 132	77.4%	49.0%	50.4%	7 449	70.1%	7 284	73.7%
1966	52.3%	49.9%	7 844	81.3%	47.7%	50.1%	8 201	70.7%	8 010	76.0%
1967	60.7%	49.8%	8 474	83.1%	39.3%	50.2%	7 649	59.0%	8 130	71.0%
1968	63.4%	49.7%	9 512	88.6%	36.6%	50.3%	8 313	58.0%	9 035	73.2%
1969	54.7%	50.0%	8 023	79.4%	45.3%	50.0%	8 621	61.2%	8 283	70.3%
1970	49.3%	49.7%	9 207	79.7%	50.7%	50.3%	10 992	67.8%	10 033	73.7%
1971	49.1%	49.8%	9 327	83.8%	50.9%	50.2%	11 395	70.4%	10 276	77.1%
1972	47.5%	49.9%	9 605	80.9%	52.5%	50.1%	11 767	72.8%	10 630	76.8%
1973	47.9%	50.0%	10 790	75.8%	52.1%	50.0%	12 384	71.8%	11 565	73.8%
1974	52.1%	50.2%	12 298	79.3%	47.9%	49.8%	12 576	71.9%	12 430	75.6%
1975	45.7%	50.0%	12 239	69.1%	54.3%	50.0%	12 690	79.3%	12 480	74.2%
1976	53.0%	49.9%	13 774	78.2%	47.0%	50.1%	12 258	77.8%	13 017	78.0%
1977	55.3%	50.0%	14 225	86.1%	44.7%	50.0%	13 162	75.3%	13 729	80.7%
1978	43.6%	50.2%	14 050	67.0%	56.4%	49.8%	14 363	85.1%	14 236	76.0%
1979	44.1%	50.0%	15 239	66.0%	55.9%	50.0%	14 698	86.9%	14 932	76.5%
1980	30.2%	50.1%	15 929	37.8%	69.8%	49.9%	14 947	93.3%	15 231	65.5%
1981	37.2%	49.9%	16 115	51.2%	62.8%	50.1%	15 601	88.8%	15 788	70.0%
1982	26.0%	49.9%	15 551	33.4%	74.0%	50.1%	16 009	91.7%	15 887	62.6%
1983	34.6%	49.9%	16 313	49.5%	65.4%	50.1%	16 656	91.3%	16 536	70.4%
1984	39.2%	50.0%	16 655	59.6%	60.8%	50.0%	17 042	90.1%	16 888	74.8%
1985	39.7%	49.8%	16 045	60.1%	60.3%	50.2%	16 529	87.8%	16 333	74.0%
1986	39.0%	50.3%	15 084	58.3%	61.0%	49.7%	16 336	85.4%	15 824	71.8%
1987	42.1%	50.0%	15 949	65.3%	57.9%	50.0%	17 638	81.4%	16 886	73.3%
1988	46.0%	50.2%	16 494	71.8%	54.0%	49.8%	17 509	79.9%	17 027	75.8%
TOTAL	45.7%	50.0%	9 977	69.8%	54.3%	50.0%	10 979	75.1%	10 497	72.4%

CARGO BY TRANSIT AND VESSEL
1959-1988

HISTORICAL TABLE 19M

MONTREAL-LAKE ONTARIO SECTION

YEAR	TYPE OF TRANSIT				CLASS OF VESSEL				TYPE OF VESSEL			
	OVERSEAS		INLAND		COASTAL		OCEAN		LAKER		CARGO	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	5 897 349	31.6	12 784 434	68.4	-	0.0	5 897 349	31.6	12 784 434	68.4	16 656 027	89.2
1960	7 205 507	39.1	11 219 728	60.9	-	0.0	7 205 507	39.1	11 219 728	60.9	15 923 215	86.4
1961	6 665 354	31.4	14 578 844	68.6	-	0.0	6 665 354	31.4	14 578 844	68.6	19 061 075	89.7
1962	8 179 203	35.2	15 038 920	64.8	-	0.0	8 179 203	35.2	15 038 920	64.8	21 301 110	91.7
1963	7 270 393	25.9	20 800 523	74.1	-	0.0	7 270 393	25.9	20 800 523	74.1	26 009 080	92.7
1964	9 396 156	26.3	26 264 393	73.7	-	0.0	9 396 156	26.3	26 264 393	73.7	33 124 065	92.9
1965	12 473 586	31.7	26 882 685	68.3	-	0.0	12 473 586	31.7	26 882 685	68.3	36 201 656	92.0
1966	13 051 333	29.2	31 626 930	70.8	-	0.0	13 051 333	29.2	31 626 930	70.8	41 559 749	93.0
1967	12 267 777	30.7	26 359 800	66.0	1 314 530	3.3	13 582 307	34.0	26 359 800	66.0	36 983 137	92.6
1968	13 831 259	31.8	28 602 810	65.7	1 068 930	2.5	14 900 189	34.3	28 602 810	65.7	40 526 651	93.2
1969	13 376 440	36.0	23 099 826	62.1	731 044	2.0	14 107 484	37.9	23 099 826	62.1	33 512 544	90.1
1970	12 985 069	28.0	32 862 719	70.8	573 646	1.2	13 558 715	29.2	32 862 719	70.8	42 296 844	91.1
1971	17 515 147	36.4	29 834 286	62.1	719 977	1.5	18 235 124	37.9	29 834 286	62.1	44 730 750	93.1
1972	18 625 070	38.3	29 397 071	60.4	654 289	1.3	19 279 359	39.6	29 397 071	60.4	44 428 474	91.3
1973	16 313 793	31.2	35 204 367	67.3	766 647	1.5	17 080 440	32.7	35 204 367	67.3	47 056 661	90.4
1974	10 679 072	26.7	28 668 970	71.6	700 937	1.8	11 380 009	28.4	28 668 970	71.6	36 185 581	90.4
1975	11 489 003	26.4	31 148 292	71.5	917 008	2.1	12 406 011	28.5	31 148 292	71.5	40 693 882	93.4
1976	13 324 916	27.0	35 225 785	71.4	797 737	1.6	14 122 553	28.6	35 225 785	71.4	46 859 786	95.0
1977	17 733 484	30.9	38 293 748	66.6	1 429 109	2.5	19 162 593	33.4	38 293 748	66.6	54 499 464	94.9
1978	21 152 474	37.1	33 866 108	59.5	1 924 098	3.4	23 076 572	40.5	33 866 108	59.5	53 700 654	94.3
1979	18 607 911	33.6	35 157 287	63.6	1 556 895	2.8	20 164 806	36.4	35 157 287	63.6	51 720 937	93.5
1980	13 681 019	27.7	34 736 797	70.2	1 036 293	2.1	14 717 312	29.8	34 736 797	70.2	46 515 056	94.1
1981	13 237 039	26.2	36 401 653	72.0	930 565	1.8	14 167 604	28.0	36 401 653	72.0	47 414 230	93.8
1982	12 826 010	30.0	29 141 734	68.1	847 570	2.0	13 673 580	31.9	29 141 734	68.1	40 423 087	94.4
1983	12 642 864	28.1	31 414 382	69.7	1 003 735	2.2	13 646 599	30.3	31 414 382	69.7	42 826 376	95.0
1984	15 040 063	31.7	31 356 816	66.0	1 108 577	2.3	16 148 640	34.0	31 356 816	66.0	45 549 288	95.9
1985	12 207 815	32.7	23 478 510	62.9	1 635 373	4.4	13 843 188	37.1	23 478 510	62.9	35 650 593	95.5
1986	13 158 964	35.0	22 854 004	60.8	1 568 840	4.2	14 727 804	39.2	22 854 004	60.8	35 553 827	94.6
1987	12 879 495	32.2	25 484 489	63.8	1 604 631	4.0	14 484 126	36.2	25 484 489	63.8	38 192 962	95.6
1988	13 352 152	32.9	25 995 478	64.1	1 210 039	3.0	14 562 191	35.9	25 995 478	64.1	38 158 987	94.1
TOTAL	387 065 717	31.2	827 781 389	66.8	24 100 470	1.9	411 166 187	33.2	827 781 389	66.8	1 153 315 748	93.1
											77 566 294	6.3
											8 065 534	0.7

TRAFFIC BY VESSEL LENGTH
1959-1988

HISTORICAL TABLE 20M

MONTREAL-LAKE ONTARIO SECTION

YEAR	TRANSITS								CARGO TONNES											
	0 – 62m	63 – 93m	94 – 124m	125 – 155m	156 – 186m	187 – 217m	OVER 217m	TOTAL	0 – 62m	63 – 93m	94 – 124m	125 – 155m	156 – 186m	187 – 217m	OVER 217m	TOTAL				
1959	1 359	3 755	844	781	329	304	80	7 452	52 456	6 695 713	2 277 514	3 073 701	2 341 663	3 276 797	963 938	18 681 782				
1960	1 011	3 031	999	966	557	204	101	6 869	51 211	4 760 705	2 584 835	3 833 378	3 622 905	2 224 088	1 348 113	18 425 235				
1961	769	2 624	1 166	1 289	575	274	175	6 892	39 963	4 165 137	3 067 828	4 830 236	3 448 580	3 020 731	2 671 722	21 244 197				
1962	580	1 975	1 222	1 378	626	320	250	6 351	26 858	3 263 613	3 198 623	5 462 054	3 959 808	3 531 101	3 776 066	23 218 123				
1963	616	1 568	1 173	1 375	679	487	387	6 285	36 044	2 647 216	3 028 316	5 290 972	4 294 049	6 236 943	6 537 377	28 070 917				
1964	582	1 418	1 237	1 571	909	632	430	6 779	41 071	2 313 185	3 108 606	6 191 661	6 384 462	8 404 960	9 216 605	35 660 550				
1965	816	1 317	1 418	1 577	1 099	570	533	7 330	45 379	2 190 754	3 625 711	6 744 073	8 599 954	7 797 486	10 352 914	39 356 271				
1966	556	1 170	1 439	1 537	1 223	750	666	7 341	49 328	2 028 321	3 438 663	6 527 474	9 975 379	9 509 933	13 149 166	44 678 264				
1967	718	899	1 395	1 311	1 094	769	735	6 921	7 051	1 568 338	3 359 026	5 101 351	8 283 246	8 581 821	12 972 273	39 942 106				
1968	623	879	1 112	1 181	1 115	758	908	6 576	71 980	1 477 193	2 959 323	4 957 350	9 468 067	9 028 674	15 540 412	43 502 999				
1969	795	909	1 192	1 234	1 048	459	755	6 392	48 912	1 439 120	3 062 048	4 624 140	8 598 574	5 810 005	13 624 512	37 207 311				
1970	640	828	1 168	1 135	1 086	532	891	6 280	29 268	1 521 615	3 264 355	4 699 825	9 569 901	7 569 614	19 766 856	46 421 434				
1971	318	661	1 132	1 190	1 299	614	857	6 071	37 537	1 041 829	3 057 027	5 555 321	11 555 626	8 352 245	18 469 824	48 069 409				
1972	307	685	957	1 153	1 421	655	784	5 962	39 602	1 102 659	2 744 047	5 480 002	12 734 265	9 099 920	17 475 934	48 676 429				
1973	364	707	1 050	1 013	1 310	820	861	6 125	21 643	1 154 509	3 364 802	5 320 783	11 442 303	11 159 949	19 820 818	52 284 807				
1974	301	358	692	582	923	676	728	4 260	33 343	472 816	2 203 524	2 885 807	8 274 346	9 758 175	16 420 968	40 048 979				
1975	304	232	683	796	1 022	807	860	4 704	41 185	284 220	1 972 575	3 384 138	8 659 564	10 864 468	18 348 153	43 554 303				
1976	269	158	617	777	1 054	944	1 040	4 859	15 732	156 080	1 874 200	3 345 104	10 061 819	12 999 099	20 896 405	49 348 439				
1977	270	212	634	800	1 400	878	991	5 185	13 866	287 989	2 168 300	3 983 524	16 472 445	13 766 149	20 764 068	57 456 341				
1978	172	127	650	877	1 641	807	988	5 262	5 646	150 835	2 321 528	4 952 838	17 069 099	11 511 697	20 931 037	56 942 680				
1979	170	139	467	901	1 447	735	987	4 846	4 108	210 471	1 598 802	5 276 042	15 085 964	11 003 876	22 142 830	55 322 093				
1980	166	144	476	826	1 429	748	1 169	4 958	2 820	235 942	1 606 834	4 298 239	11 165 857	8 670 498	23 473 919	49 454 109				
1981	184	110	478	644	1 169	741	1 248	4 574	2 354	184 723	1 585 425	3 764 266	10 389 927	9 518 149	25 124 413	50 569 257				
1982	195	54	402	693	1 078	592	1 289	4 303	8 497	71 784	1 231 021	3 486 034	8 623 300	7 016 867	22 377 811	42 815 314				
1983	165	53	371	535	904	471	1 371	3 870	4 676	66 101	1 369 789	2 978 461	8 060 593	5 889 031	26 692 330	45 060 981				
1984	171	50	343	517	851	360	1 467	3 759	5 455	68 751	1 309 258	3 074 093	9 209 734	4 962 787	28 875 378	47 505 456				
1985	195	49	314	429	657	303	1 141	3 088	3 289	41 646	1 131 158	2 279 661	7 277 954	3 554 743	22 851 247	37 321 698				
1986	250	53	264	526	726	335	1 153	3 307	2 189	42 665	1 034 027	2 731 919	7 820 257	3 833 099	22 118 252	37 581 808				
1987	276	102	262	398	617	321	1 251	3 227	7 010	141 707	1 082 612	2 243 223	7 404 683	4 039 151	25 050 229	39 968 615				
1988	269	72	272	451	585	298	1 195	3 142	8 280	107 758	1 136 772	2 480 048	6 915 207	4 185 403	25 724 201	40 557 669				
TOTAL	13 411	24 339	24 449	28 443	29 873	17 164	25 291	162 970	825 753	39 892 795	69 948 549	128 855 718	266 769 531	225 177 459	507 477 771	1 238 947 576				

COMMODITY GROUPS

1959-1988

HISTORICAL TABLE 21M

MONTREAL-LAKE ONTARIO SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	6 830 789	36.6	178 899	1.0	7 409 667	39.7	275 569	1.5	3 526 506	18.9	460 354	2.5	18 681 784	100.0
1960	7 457 469	40.5	203 898	1.1	5 875 359	31.9	257 990	1.4	4 127 165	22.4	503 354	2.7	18 425 235	100.0
1961	9 683 584	45.6	251 453	1.2	5 524 657	26.0	187 193	0.9	5 038 380	23.7	558 930	2.6	21 244 197	100.0
1962	10 281 833	44.3	278 837	1.2	7 429 858	32.0	228 968	1.0	4 434 191	19.1	564 435	2.4	23 218 122	100.0
1963	12 531 837	44.6	367 316	1.3	9 351 041	33.3	281 888	1.0	5 036 141	17.9	502 694	1.8	28 070 917	100.0
1964	15 368 230	43.1	489 837	1.4	12 857 268	36.1	305 268	0.9	6 072 986	17.0	566 961	1.6	35 660 550	100.0
1965	15 997 319	40.6	385 678	1.0	13 850 576	35.2	268 267	0.7	8 290 421	21.1	564 009	1.4	39 356 270	100.0
1966	18 144 613	40.6	352 685	0.8	16 691 053	37.4	359 441	0.8	8 603 537	19.3	526 935	1.2	44 678 264	100.0
1967	12 419 089	31.1	363 900	0.9	17 505 477	43.8	356 107	0.9	8 970 941	22.5	326 592	0.8	39 942 106	100.0
1968	12 279 678	28.2	330 234	0.8	19 150 316	44.0	383 129	0.9	10 902 319	25.1	457 323	1.1	43 502 999	100.0
1969	11 400 922	30.6	315 558	0.8	13 016 108	35.0	322 364	0.9	11 734 073	31.5	418 285	1.1	37 207 310	100.0
1970	17 961 480	38.7	333 023	0.7	15 955 716	34.4	255 851	0.6	11 535 241	24.8	380 123	0.8	46 421 324	100.0
1971	20 495 174	42.6	388 634	0.8	14 649 825	30.5	333 195	0.7	11 835 217	24.6	367 364	0.8	48 069 409	100.0
1972	21 390 755	43.9	302 643	0.6	13 965 088	28.7	281 676	0.6	12 559 825	25.8	176 443	0.4	48 676 430	100.0
1973	22 072 903	42.2	260 861	0.5	17 850 383	34.1	169 713	0.3	11 859 342	22.7	71 605	0.1	52 284 807	100.0
1974	14 672 142	36.6	230 774	0.6	17 327 687	43.3	93 671	0.2	7 699 376	19.2	21 329	0.1	40 048 979	100.0
1975	19 440 779	44.6	140 009	0.3	16 530 527	38.0	109 771	0.3	7 308 691	16.8	24 526	0.1	43 554 303	100.0
1976	18 755 125	38.0	240 764	0.5	22 504 977	45.6	75 029	0.2	7 733 394	15.7	35 150	0.1	49 348 439	100.0
1977	21 815 530	38.0	228 391	0.4	25 033 807	43.6	99 071	0.2	10 246 887	17.8	32 555	0.1	57 456 341	100.0
1978	27 885 242	49.0	182 675	0.3	19 084 040	33.5	118 074	0.2	9 631 369	16.9	41 280	0.1	56 942 680	100.0
1979	24 919 208	45.0	156 980	0.3	20 404 400	36.9	82 178	0.1	9 736 697	17.6	22 630	0.0	55 322 093	100.0
1980	26 920 476	54.4	182 346	0.4	14 891 195	30.1	56 087	0.1	7 386 038	14.9	17 967	0.0	49 454 109	100.0
1981	24 673 525	48.8	185 196	0.4	17 857 148	35.3	44 299	0.1	7 801 251	15.4	7 838	0.0	50 569 257	100.0
1982	24 515 880	57.3	134 682	0.3	10 762 770	25.1	24 026	0.1	7 377 956	17.2	-	0.0	42 815 314	100.0
1983	24 449 080	54.3	95 902	0.2	13 081 176	29.0	24 164	0.1	7 410 659	16.4	-	0.0	45 060 981	100.0
1984	23 649 862	49.8	85 109	0.2	14 802 071	31.2	70 517	0.1	8 897 897	18.7	-	0.0	47 505 456	100.0
1985	16 486 803	44.2	90 157	0.2	12 491 239	33.5	33 555	0.1	8 219 944	22.3	-	0.0	37 321 698	100.0
1986	16 490 065	43.9	67 872	0.2	12 253 937	32.6	7 375	0.0	8 762 559	23.3	-	0.0	37 581 808	100.0
1987	18 454 108	46.2	54 982	0.1	13 219 140	33.1	10 987	0.0	8 229 398	20.6	-	0.0	39 968 615	100.0
1988	15 545 348	38.3	73 483	0.2	16 220 120	40.0	30 228	0.1	8 688 490	21.4	-	0.0	40 557 669	100.0
TOTAL	532 988 848	43.0	6 952 778	0.6	437 546 626	35.3	5 145 651	0.4	249 656 891	20.2	6 656 782	0.5	1 238 947 576	100.0

SELECTED U.S. GRAINS
1959-1988

HISTORICAL TABLE 22M

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEED		TOTAL GRAINS	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	444 329	2.4	799 945	4.3	22 558	0.1	403 569	2.2	533 572	2.9	143 386	0.8	162 137	0.9	-	0.0	2 509 496	13.4
1960	631 892	3.4	952 811	5.2	77 113	0.4	290 575	1.6	517 372	2.8	441 119	2.4	80 547	0.4	-	0.0	2 991 429	16.2
1961	1 163 344	5.5	1 421 950	6.7	54 249	0.3	76 976	0.4	256 290	1.2	400 369	1.9	72 363	0.3	-	0.0	3 445 541	16.2
1962	817 875	3.5	1 944 008	8.4	244 657	1.1	389 572	1.7	647 457	2.8	632 720	2.7	98 370	0.4	-	0.0	4 774 659	20.6
1963	1 249 345	4.5	2 392 559	8.5	211 086	0.8	86 811	0.3	532 377	1.9	574 083	2.0	85 171	0.3	-	0.0	5 131 432	18.3
1964	809 221	2.3	2 905 038	8.1	71 024	0.2	54 866	0.2	687 665	1.9	868 192	2.4	144 532	0.4	-	0.0	5 540 538	15.5
1965	1 109 330	2.8	3 294 033	8.4	34 533	0.1	314 753	0.8	657 395	1.7	1 136 160	2.9	73 143	0.2	-	0.0	6 619 347	16.8
1966	1 520 708	3.4	3 039 049	6.8	93 405	0.2	369 598	0.8	515 254	1.2	1 045 231	2.3	143 134	0.3	-	0.0	6 726 379	15.1
1967	1 119 773	2.8	1 881 877	4.7	45 839	0.1	100 435	0.3	317 575	0.8	759 552	1.9	146 391	0.4	-	0.0	4 371 442	10.9
1968	1 533 785	3.5	2 868 570	6.6	39 251	0.1	37 112	0.1	122 847	0.3	1 127 774	2.6	199 074	0.5	-	0.0	5 928 413	13.6
1969	1 229 554	3.3	3 075 734	8.3	24 275	0.1	2 185	0.0	69 880	0.2	1 378 579	3.7	181 402	0.5	-	0.0	5 961 609	16.0
1970	1 535 257	3.3	2 575 550	5.5	864	0.0	203 140	0.4	999 305	2.2	2 205 342	4.8	58 710	0.1	-	0.0	7 578 168	16.3
1971	1 427 649	3.0	3 012 593	6.3	124 290	0.3	36 782	0.1	421 332	0.9	2 594 839	5.4	26 088	0.1	-	0.0	7 643 573	15.9
1972	2 182 496	4.5	3 271 754	6.7	3 907	0.0	93 396	0.2	854 825	1.8	1 427 652	2.9	259 647	0.5	-	0.0	8 093 677	16.6
1973	3 487 434	6.7	3 544 948	6.8	586 196	1.1	629 029	1.2	1 162 678	2.2	1 471 727	2.8	5 498	0.0	-	0.0	10 887 510	20.8
1974	1 622 560	4.1	2 503 352	6.3	210 099	0.5	309 893	0.8	323 909	0.8	911 774	2.3	100	0.0	-	0.0	5 881 687	14.7
1975	3 576 444	8.2	2 707 189	6.2	3 627	0.0	131 648	0.3	158 327	0.4	1 156 977	2.7	16 803	0.0	-	0.0	7 751 015	17.8
1976	1 588 121	3.2	3 808 618	7.7	3 289	0.0	126 465	0.3	610 958	1.2	1 082 785	2.2	5 742	0.0	-	0.0	7 225 978	14.6
1977	2 938 824	5.1	3 479 895	6.1	-	0.0	125 110	0.2	920 852	1.6	1 349 160	2.3	25 456	0.0	-	0.0	8 839 297	15.4
1978	5 531 295	9.7	5 826 521	10.2	-	0.0	126 331	0.2	270 413	0.5	2 152 349	3.8	11 965	0.0	-	0.0	13 918 874	24.4
1979	4 061 266	7.3	6 869 035	12.4	60 066	0.1	3 698	0.0	288 469	0.5	1 430 693	2.6	-	0.0	-	0.0	12 713 227	23.0
1980	3 556 167	7.2	5 444 933	11.0	137 520	0.3	36 590	0.1	680 577	1.4	1 240 782	2.5	2 215	0.0	1 205 564	2.4	12 304 348	24.9
1981	3 480 645	6.9	3 656 771	7.2	47 253	0.1	27 711	0.1	837 264	1.7	1 533 435	3.0	13 227	0.0	1 301 072	2.6	10 897 378	21.5
1982	2 856 250	6.7	2 939 988	6.9	9 670	0.0	7 057	0.0	354 808	0.8	982 526	2.3	14 291	0.0	1 140 147	2.7	8 304 737	19.4
1983	2 824 695	6.3	2 083 258	4.6	23 370	0.1	950	0.0	831 164	1.8	270 977	0.6	1 025	0.0	643 709	1.4	6 679 148	14.8
1984	3 124 417	6.6	2 257 653	4.8	8 401	0.0	3 052	0.0	608 831	1.3	826 106	1.7	5 180	0.0	755 960	1.6	7 589 600	16.0
1985	1 958 906	5.2	1 938 864	5.2	-	0.0	-	0.0	132 080	0.4	660 270	1.8	-	0.0	378 552	1.0	5 068 672	13.6
1986	2 324 945	6.2	692 382	1.8	5 500	0.0	-	0.0	332 051	0.9	1 041 258	2.8	31 504	0.1	193 957	0.5	4 621 597	12.3
1987	1 703 876	4.3	1 718 123	4.3	5 207	0.0	14 251	0.0	464 631	1.2	1 018 785	2.5	-	0.0	131 637	0.3	5 056 510	12.7
1988	2 046 771	5.0	2 022 111	5.0	10 410	0.0	-	0.0	599 748	1.5	597 140	1.5	-	0.0	14 106	0.0	5 290 286	13.0
TOTAL	63 457 174	5.1	84 929 112	6.9	2 157 659	0.2	4 001 555	0.3	15 709 906	1.3	32 461 742	2.6	1 863 715	0.2	5 764 704	0.5	210 345 567	17.0

SELECTED CANADIAN GRAINS
1959-1988

HISTORICAL TABLE 23M										MONTREAL-LAKE ONTARIO SECTION									
YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS		
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	
1959	2 706 061	14.5	61 387	0.3	2 231	0.0	260 258	1.4	504 670	2.7	55 682	0.3	143 479	0.8	-	0.0	3 733 768	20.0	
1960	2 864 328	15.5	46 774	0.3	7 605	0.0	161 616	0.9	550 885	3.0	73 213	0.4	202 972	1.1	-	0.0	3 907 393	21.2	
1961	4 752 469	22.4	30 988	0.1	81 035	0.4	169 168	0.8	372 142	1.8	85 109	0.4	175 164	0.8	-	0.0	5 666 075	26.7	
1962	3 630 764	15.6	40 643	0.2	116 097	0.5	232 304	1.0	349 992	1.5	62 526	0.3	191 384	0.8	-	0.0	4 623 710	19.9	
1963	5 357 965	19.1	13 151	0.0	73 037	0.3	393 503	1.4	475 961	1.7	30 580	0.1	175 767	0.6	-	0.0	6 519 964	23.2	
1964	7 527 695	21.1	12 662	0.0	68 230	0.2	295 867	0.8	417 937	1.2	28 605	0.1	223 083	0.6	-	0.0	8 574 079	24.0	
1965	6 734 939	17.1	30 676	0.1	38 798	0.1	459 945	1.2	542 217	1.4	82 192	0.2	248 982	0.6	-	0.0	8 137 749	20.7	
1966	8 631 879	19.3	34 921	0.1	113 629	0.3	299 747	0.7	633 794	1.4	70 528	0.2	317 839	0.7	-	0.0	10 102 337	22.6	
1967	5 071 203	12.7	-	0.0	79 766	0.2	286 817	0.7	949 307	2.4	57 843	0.1	217 763	0.5	-	0.0	6 662 699	16.7	
1968	4 427 054	10.2	8 809	0.0	52 569	0.1	196 329	0.5	418 365	1.0	66 625	0.2	114 196	0.3	-	0.0	5 283 947	12.1	
1969	3 212 180	8.6	25 736	0.1	39 852	0.1	191 709	0.5	633 278	1.7	106 483	0.3	195 762	0.5	-	0.0	4 404 999	11.8	
1970	5 886 419	12.7	40 463	0.1	47 040	0.1	293 471	0.6	2 611 839	5.6	47 445	0.1	275 483	0.6	-	0.0	9 202 160	19.8	
1971	7 110 082	14.8	58 866	0.1	107 907	0.2	287 888	0.6	3 016 482	6.3	40 881	0.1	392 759	0.8	-	0.0	11 014 865	22.9	
1972	7 507 597	15.4	32 778	0.1	93 112	0.2	260 542	0.5	3 172 149	6.5	37 096	0.1	312 577	0.6	-	0.0	11 415 851	23.5	
1973	6 870 074	13.1	13 748	0.0	68 194	0.1	172 857	0.3	2 045 250	3.9	30 858	0.1	263 192	0.5	-	0.0	9 464 173	18.1	
1974	6 181 090	15.4	71 726	0.2	78 830	0.2	85 014	0.2	1 178 540	2.9	6 821	0.0	189 306	0.5	-	0.0	7 791 327	19.5	
1975	7 685 785	17.6	200 779	0.5	216 898	0.5	295 394	0.7	2 073 546	4.8	420	0.0	102 281	0.2	-	0.0	10 575 103	24.3	
1976	6 928 464	14.0	294 477	0.6	121 036	0.2	497 836	1.0	2 347 252	4.8	16 084	0.0	109 833	0.2	-	0.0	10 314 982	20.9	
1977	8 549 267	14.9	360 999	0.6	70 291	0.1	402 701	0.7	1 936 346	3.4	29 379	0.1	198 844	0.3	-	0.0	11 547 827	20.1	
1978	8 519 386	15.0	627 718	1.1	82 298	0.1	144 629	0.3	2 262 597	4.0	49 374	0.1	232 556	0.4	-	0.0	11 918 558	20.9	
1979	5 953 921	10.8	218 998	0.4	140 335	0.3	139 670	0.3	2 910 471	5.3	25 379	0.0	319 686	0.6	-	0.0	9 707 860	17.5	
1980	10 187 369	20.6	1 073 549	2.2	363 647	0.7	264 121	0.5	1 394 588	2.8	54 259	0.1	250 637	0.5	79 005	0.2	13 667 175	27.6	
1981	8 441 450	16.7	1 418 355	2.8	350 664	0.7	130 855	0.3	2 111 926	4.2	8 613	0.0	266 766	0.5	58 022	0.1	12 786 651	25.3	
1982	11 024 842	25.7	812 687	1.9	259 610	0.6	142 992	0.3	2 849 224	6.7	65 253	0.2	249 093	0.6	2 531	0.0	15 406 232	36.0	
1983	12 784 633	28.4	684 709	1.5	109 287	0.2	77 410	0.2	2 875 079	6.4	29 813	0.1	359 750	0.8	-	0.0	16 920 681	37.6	
1984	12 813 292	27.0	516 774	1.1	7 257	0.0	55 578	0.1	1 788 891	3.8	72 408	0.1	227 519	0.5	7 056	0.0	15 488 775	32.6	
1985	9 543 110	25.6	570 008	1.5	4 350	0.0	31 793	0.1	554 518	1.5	76 320	0.2	339 500	0.9	-	0.0	11 119 599	29.8	
1986	8 845 790	23.5	358 788	1.0	32 164	0.1	68 198	0.2	1 579 297	4.2	148 087	0.4	370 568	1.0	-	0.0	11 402 892	30.3	
1987	10 855 319	27.2	398 976	1.0	28 893	0.1	93 000	0.2	957 375	2.4	85 602	0.2	374 843	0.9	-	0.0	12 794 008	32.0	
1988	8 531 550	21.0	210 549	0.5	5 900	0.0	32 221	0.1	515 792	1.3	118 464	0.3	258 288	0.6	-	0.0	9 672 764	23.8	
TOTAL	219 135 977	17.7	8 270 694	0.7	2 860 562	0.2	6 422 833	0.5	44 029 710	3.6	1 661 942	0.1	7 299 872	0.6	146 614	0.0	289 828 204	23.4	

SELECTED MINING COMMODITIES
1959-1988

HISTORICAL TABLE 24M

MONTREAL-LAKE ONTARIO SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	1 070 971	5.7	23 620	0.1	5 620 221	30.1	43 510	0.2	1 027	0.0	10 632	0.1	94 393	0.5	81 687	0.4	463 605	2.5
1960	925 752	5.0	82 254	0.4	3 914 894	21.2	55 432	0.3	3 662	0.0	16 934	0.1	110 961	0.6	65 992	0.4	699 477	3.8
1961	1 048 277	4.9	153 063	0.7	3 644 391	17.2	75 900	0.4	1 911	0.0	10 375	0.0	126 196	0.6	82 215	0.4	382 329	1.8
1962	1 075 566	4.6	192 371	0.8	5 456 524	23.5	84 567	0.4	523	0.0	10 232	0.0	166 030	0.7	59 426	0.3	384 619	1.7
1963	883 071	3.1	206 730	0.7	7 401 968	26.4	116 735	0.4	-	0.0	3 476	0.0	195 105	0.7	67 572	0.2	476 385	1.7
1964	727 434	2.0	214 293	0.6	11 029 051	30.9	119 904	0.3	-	0.0	7 647	0.0	219 304	0.6	71 028	0.2	468 610	1.3
1965	946 228	2.4	166 958	0.4	11 588 329	29.4	167 500	0.4	11 846	0.0	3 492	0.0	320 126	0.8	-	0.0	646 097	1.6
1966	1 111 618	2.5	199 553	0.4	14 067 088	31.5	136 958	0.3	2 946	0.0	14 687	0.0	398 095	0.9	45	0.0	760 062	1.7
1967	1 030 029	2.6	215 092	0.5	14 879 992	37.3	166 914	0.4	-	0.0	17 604	0.0	441 992	1.1	21 882	0.1	731 972	1.8
1968	1 089 476	2.5	248 538	0.6	16 268 430	37.4	213 979	0.5	-	0.0	36 878	0.1	523 097	1.2	-	0.0	769 918	1.8
1969	587 671	1.6	325 264	0.9	10 568 053	28.4	215 517	0.6	12 558	0.0	24 655	0.1	351 215	0.9	-	0.0	931 176	2.5
1970	288 268	0.6	458 852	1.0	13 715 305	29.5	261 194	0.6	47	0.0	6 938	0.0	420 859	0.9	-	0.0	804 252	1.7
1971	299 510	0.6	473 499	1.0	12 181 176	25.3	272 835	0.6	16 193	0.0	25 017	0.1	462 775	1.0	-	0.0	918 820	1.9
1972	244 181	0.5	539 852	1.1	11 370 116	23.4	133 400	0.3	69	0.0	9 766	0.0	806 409	1.7	-	0.0	861 295	1.8
1973	251 895	0.5	739 416	1.4	14 235 151	27.2	175 136	0.3	-	0.0	27 899	0.1	819 829	1.6	-	0.0	1 601 056	3.1
1974	175 192	0.4	1 190 536	3.0	12 964 996	32.4	247 616	0.6	390	0.0	45 729	0.1	811 864	2.0	76 722	0.2	1 814 642	4.5
1975	398 575	0.9	832 835	1.9	13 159 321	30.2	157 803	0.4	12 689	0.0	70 047	0.2	779 557	1.8	31 576	0.1	1 088 123	2.5
1976	346 001	0.7	1 620 382	3.3	18 629 321	37.8	234 602	0.5	27 779	0.1	54 954	0.1	752 355	1.5	43 742	0.1	795 841	1.6
1977	215 969	0.4	2 026 004	3.5	20 205 283	35.2	313 204	0.5	28 839	0.1	98 396	0.2	783 679	1.4	14 309	0.0	1 348 125	2.3
1978	940 399	1.7	2 486 639	4.4	13 542 178	23.8	172 998	0.3	15 167	0.0	107 512	0.2	746 982	1.3	7 214	0.0	1 064 951	1.9
1979	501 910	0.9	2 318 491	4.2	14 817 154	26.8	261 667	0.5	30 694	0.1	373 875	0.7	833 813	1.5	152 891	0.3	1 113 905	2.0
1980	225 660	0.5	1 401 282	2.8	11 005 222	22.3	276 158	0.6	37 479	0.1	180 462	0.4	782 430	1.6	157 181	0.3	825 321	1.7
1981	1 674 618	3.3	853 180	1.7	12 926 853	25.6	198 725	0.4	40 401	0.1	25 528	0.1	1 134 948	2.2	28 236	0.1	974 659	1.9
1982	1 153 657	2.7	680 806	1.6	7 430 414	17.4	142 492	0.3	36	0.0	36 228	0.1	714 901	1.7	3 013	0.0	601 223	1.4
1983	350 171	0.8	638 042	1.4	10 280 210	22.8	76 849	0.2	7 975	0.0	47 754	0.1	878 535	1.9	-	0.0	801 641	1.8
1984	452 898	1.0	793 112	1.7	11 421 521	24.0	157 206	0.3	6 992	0.0	117 233	0.2	818 931	1.7	-	0.0	1 034 178	2.2
1985	607 108	1.6	802 266	2.1	8 679 210	23.3	162 410	0.4	1	0.0	258 745	0.7	657 494	1.8	-	0.0	1 324 005	3.5
1986	609 619	1.6	867 412	2.3	8 026 080	21.4	161 366	0.4	16 009	0.0	272 148	0.7	874 520	2.3	-	0.0	1 426 783	3.8
1987	233 756	0.6	654 432	1.7	9 557 376	23.9	164 766	0.4	-	0.0	231 658	0.6	928 559	2.3	-	0.0	1 448 593	3.6
1988	712 945	1.8	1 466 718	3.6	10 810 682	26.7	240 823	0.6	-	0.0	432 411	1.1	1 027 602	2.5	-	0.0	1 528 939	3.8
TOTAL	20 178 425	1.6	22 871 492	1.8	339 396 510	27.4	5 208 166	0.4	275 233	0.0	2 578 912	0.2	17 982 556	1.5	964 731	0.1	28 090 602	2.3

SELECTED PROCESSED COMMODITIES
1959-1988

HISTORICAL TABLE 25M														MONTREAL-LAKE ONTARIO SECTION											
YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED								
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%							
1959	37 064	0.2	1 030 688	5.5	65 571	0.4	15 205	0.1	92 332	0.5	417 417	2.2	15 439	0.1	61 096	0.3	1 791 693	9.6							
1960	33 697	0.2	1 068 389	5.8	62 623	0.3	14 214	0.1	40 685	0.2	738 355	4.0	16 299	0.1	510 981	2.8	1 641 920	8.9							
1961	80 116	0.4	1 001 216	4.7	66 773	0.3	6 823	0.0	220 464	1.0	531 991	2.5	5 677	0.0	1 209 928	5.7	1 915 392	9.0							
1962	63 915	0.3	1 124 869	4.8	91 185	0.4	19 381	0.1	144 569	0.6	756 994	3.3	6 115	0.0	217 817	0.9	2 009 344	8.7							
1963	31 013	0.1	1 165 184	4.2	122 934	0.4	21 326	0.1	121 021	0.4	874 295	3.1	3 127	0.0	295 165	1.1	2 402 074	8.6							
1964	105 520	0.3	1 367 898	3.8	183 063	0.5	43 224	0.1	234 233	0.7	1 233 107	3.5	16 023	0.0	405 464	1.1	2 484 454	7.0							
1965	154 783	0.4	1 721 316	4.4	165 569	0.4	17 778	0.0	291 701	0.7	2 995 840	7.6	9 579	0.0	87 825	0.2	2 846 032	7.2							
1966	162 804	0.4	1 891 905	4.2	233 549	0.5	35 817	0.1	323 553	0.7	2 781 194	6.2	20 538	0.0	145 046	0.3	3 009 131	6.7							
1967	320 980	0.8	1 901 558	4.8	286 066	0.7	21 783	0.1	226 867	0.6	3 179 539	8.0	797	0.0	406 824	1.0	2 626 527	6.6							
1968	331 870	0.8	1 932 069	4.4	217 259	0.5	13 043	0.0	235 248	0.5	4 977 778	11.4	46 730	0.1	395 848	0.9	2 752 475	6.3							
1969	499 812	1.3	2 396 263	6.4	299 866	0.8	45 813	0.1	225 831	0.6	4 068 588	10.9	7 211	0.0	1 228 198	3.3	2 962 490	8.0							
1970	520 833	1.1	2 919 702	6.3	262 467	0.6	51 498	0.1	280 685	0.6	4 031 795	8.7	35 710	0.1	894 943	1.9	2 537 609	5.5							
1971	215 494	0.4	2 299 114	4.8	371 244	0.8	77 704	0.2	115 250	0.2	5 636 261	11.7	35 559	0.1	237 743	0.5	2 846 851	5.9							
1972	308 382	0.6	2 929 356	6.0	382 252	0.8	99 911	0.2	165 028	0.3	5 210 502	10.7	15 862	0.0	378 967	0.8	3 069 564	6.3							
1973	212 833	0.4	3 432 738	6.6	363 109	0.7	93 199	0.2	137 550	0.3	3 958 329	7.6	48 758	0.1	848 288	1.6	2 764 538	5.3							
1974	114 182	0.3	1 813 742	4.5	287 296	0.7	65 892	0.2	122 672	0.3	3 270 724	8.2	32 911	0.1	124 057	0.3	1 867 901	4.7							
1975	202 224	0.5	1 770 019	4.1	283 034	0.6	76 426	0.2	123 640	0.3	2 236 289	5.1	13 951	0.0	599 270	1.4	2 003 837	4.6							
1976	175 848	0.4	1 360 776	2.8	361 359	0.7	34 200	0.1	124 920	0.3	3 026 246	6.1	36	0.0	429 760	0.9	2 220 249	4.5							
1977	52 772	0.1	2 015 026	3.5	471 762	0.8	52 544	0.1	160 155	0.3	4 972 898	8.7	3 051	0.0	348 673	0.6	2 170 005	3.8							
1978	108 984	0.2	1 887 976	3.3	573 432	1.0	177 670	0.3	242 424	0.4	3 588 819	6.3	23 008	0.0	639 829	1.1	2 389 227	4.2							
1979	188 808	0.3	2 326 932	4.2	594 291	1.1	167 632	0.3	132 610	0.2	3 107 744	5.6	22 947	0.0	577 828	1.0	2 617 905	4.7							
1980	223 186	0.5	1 563 431	3.2	552 747	1.1	201 246	0.4	202 783	0.4	2 084 713	4.2	93	0.0	760 238	1.5	1 797 601	3.6							
1981	123 843	0.2	1 838 507	3.6	610 999	1.2	174 412	0.3	202 552	0.4	2 905 186	5.7	2 769	0.0	87 363	0.2	1 855 620	3.7							
1982	158 771	0.4	1 002 035	2.3	722 466	1.7	161 978	0.4	152 712	0.4	2 790 012	6.5	3 449	0.0	457 226	1.1	1 929 307	4.5							
1983	249 993	0.6	936 121	2.1	634 880	1.4	213 622	0.5	161 017	0.4	2 896 137	6.4	2 522	0.0	390 006	0.9	1 926 361	4.3							
1984	237 388	0.5	745 378	1.6	748 700	1.6	99 951	0.2	243 817	0.5	4 453 231	9.4	10	0.0	303 619	0.6	2 065 803	4.3							
1985	111 419	0.3	558 770	1.5	751 092	2.0	126 246	0.3	103 610	0.3	3 603 221	9.7	175 111	0.5	635 622	1.7	2 154 853	5.8							
1986	206 107	0.5	641 156	1.7	869 268	2.3	171 615	0.5	96 925	0.3	3 548 802	9.4	152 616	0.4	740 276	2.0	2 335 794	6.2							
1987	167 472	0.4	481 049	1.2	812 778	2.0	135 308	0.3	124 355	0.3	3 614 403	9.0	242 758	0.6	344 352	0.9	2 306 923	5.8							
1988	248 120	0.6	879 438	2.2	1 036 759	2.6	125 032	0.3	93 248	0.2	4 316 733	10.6	32 101	0.1	369 397	0.9	1 587 662	3.9							
TOTAL	5 648 233	0.5	48 002 621	3.9	12 484 393	1.0	2 560 493	0.2	5 142 457	0.4	91 807 143	7.4	990 757	0.1	14 131 649	1.1	68 889 142	5.6							

CARGO TONNES BY ORIGIN-DESTINATION
1959-1988

HISTORICAL TABLE 26M

MONTREAL-LAKE ONTARIO SECTION

FROM: TO:		UPBOUND						DOWNBOUND						TOTAL
		CANADA		U.S.A.		OVERSEAS		CANADA		OVERSEAS		U.S.A.		
		CANADA	U.S.A.	CANADA	U.S.A.	CANADA	U.S.A.	CANADA	U.S.A.	OVERSEAS	CANADA	U.S.A.	OVERSEAS	
1959	2 872 585	5 257 355	53 901	17 795	769 493	962 375	3 811 384	8 551	760 025	1 600 738	22 326	2 545 255	18 681 783	
1960	1 890 965	4 145 845	44 431	2 010	1 065 103	818 198	3 991 026	6 056	1 258 370	1 608 494	40 977	3 553 761	18 425 236	
1961	2 167 761	3 701 696	18 928	31 954	650 623	899 242	6 035 304	-	1 129 295	2 482 648	65 417	4 061 329	21 244 197	
1962	2 100 579	5 806 311	53 132	30 933	822 758	1 055 999	4 945 703	6 252	1 058 181	2 713 238	86 073	4 538 963	23 218 122	
1963	2 173 863	7 765 232	14 543	52 900	901 667	1 375 115	6 633 428	3 787	1 209 994	4 210 462	62 830	3 667 095	28 070 916	
1964	2 103 964	11 695 053	20 772	49 296	1 077 290	1 860 353	8 924 108	9 712	1 217 299	3 545 733	68 511	5 088 459	35 660 550	
1965	3 280 599	11 512 159	18 376	51 495	1 704 431	3 495 820	8 333 233	6 498	1 390 141	3 858 198	64 997	5 640 323	39 356 270	
1966	4 886 026	13 098 928	22 413	62 132	1 593 947	3 718 092	10 531 886	3 354	1 244 617	3 163 431	49 598	6 303 841	44 678 265	
1967	5 355 101	13 262 801	47 428	63 217	1 615 368	3 917 062	6 681 948	13 727	1 637 556	2 195 651	55 820	5 096 428	39 942 107	
1968	5 836 125	14 412 576	20 864	70 052	1 408 890	5 818 068	5 822 799	6 553	1 083 434	3 452 401	56 757	5 514 480	43 502 999	
1969	4 487 605	9 728 133	100 185	66 956	1 640 760	4 338 443	5 104 136	3 335	1 088 087	4 319 411	40 524	6 289 736	37 207 311	
1970	5 482 804	11 837 049	72 533	46 433	1 327 218	4 131 746	9 900 659	9 854	1 532 617	6 022 787	64 436	5 993 298	46 421 434	
1971	5 298 786	10 499 612	189 535	51 058	1 283 599	6 293 132	11 186 081	6 528	1 854 774	3 315 158	34 695	8 056 451	48 069 409	
1972	4 712 628	10 595 652	139 145	66 106	1 923 223	5 682 245	11 602 385	7 352	2 180 772	2 949 490	32 612	8 784 819	48 676 429	
1973	5 033 913	13 911 161	114 005	81 824	1 376 013	4 548 850	10 838 168	31 724	1 381 554	6 001 158	37 932	8 928 505	52 284 807	
1974	4 283 693	11 644 802	73 294	95 384	824 263	3 948 976	9 089 431	51 250	1 457 179	4 261 952	4 727	4 314 028	40 048 979	
1975	3 848 218	11 983 490	106 487	91 825	919 293	2 950 574	11 256 809	140 776	1 476 270	4 665 804	-	6 114 757	43 554 303	
1976	3 699 634	17 036 438	80 545	90 425	997 698	4 238 374	10 903 073	53 764	1 788 140	4 174 199	11 523	6 274 626	49 348 439	
1977	5 234 726	18 293 915	98 054	49 212	1 222 491	6 865 879	11 871 506	22 804	1 849 332	4 181 077	21 872	7 745 472	57 456 340	
1978	4 317 126	12 587 394	253 149	77 899	1 295 778	6 322 693	12 542 555	55 705	2 139 969	5 921 936	94 270	11 334 206	56 942 680	
1979	4 958 367	12 662 015	228 721	64 950	1 234 333	5 234 579	11 564 604	68 858	2 229 585	7 132 625	54 224	9 889 232	55 322 093	
1980	4 544 613	7 623 360	93 414	50 178	845 800	1 768 250	14 479 550	111 743	3 935 984	8 712 657	134 505	7 154 055	49 454 109	
1981	3 281 287	10 986 746	106 177	7 529	1 504 324	2 936 138	13 909 712	80 976	2 937 183	8 907 569	48 895	5 862 721	50 569 257	
1982	2 649 751	5 232 453	93 208	519	919 504	2 254 463	16 203 160	185 270	3 732 135	5 630 625	-	5 914 226	42 815 314	
1983	4 150 010	6 956 744	126 908	-	1 068 583	3 276 772	17 917 733	172 588	2 386 479	3 081 321	39 125	5 884 718	45 060 981	
1984	5 268 388	6 974 055	130 955	-	1 499 551	4 763 734	16 216 426	437 642	2 162 544	3 536 465	-	6 515 696	47 505 456	
1985	4 615 358	4 868 864	239 351	-	1 405 944	3 695 792	11 381 053	670 559	1 793 392	3 374 584	3 469	5 273 332	37 321 698	
1986	4 963 950	4 047 190	263 938	2 287	1 699 793	3 669 027	12 050 180	388 870	2 042 659	2 742 024	4 588	5 707 302	37 581 808	
1987	5 794 312	5 091 993	326 926	-	2 158 851	3 438 382	13 328 958	337 342	2 102 454	2 217 187	-	5 172 210	39 968 615	
1988	6 580 551	5 403 754	225 923	-	2 821 854	3 622 178	10 966 981	170 534	2 144 375	3 869 269	-	4 752 250	21 903 409	
TOTAL	125 873 288	288 622 776	3 377 241	1 274 369	39 578 443	107 900 551	308 023 979	3 071 964	54 204 396	123 848 292	1 200 703	181 971 574	1 220 293 316	

PART IV

St. Lawrence Seaway Toll Traffic

for the

Welland Canal Section

TRAFFIC BY TYPE OF VESSEL
1988

Table 1W

WELLAND CANAL SECTION

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE					
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%			
UPBOUND:																
Cargo	731	860	1 591	24 084 378	8 741 456	18 344	-				21 652	3 004 953	11 786 405	27.1	11 404 568.68	34.9
Tug and Barge	16	33	49	146 961	57 809	-	-				-	-	57 809	0.1	140 253.95	0.4
Tanker	63	139	202	1 373 965	519 778	-	-				-	-	519 778	1.2	800 560.87	2.4
Non-Cargo	-	121	121	72 873	-	-	-				-	-	-	0.0	14 677.14	0.0
Total Up	810	1 153	1 963	25 678 177	9 319 043	18 344	-				21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8
DOWNBOUND:																
Cargo	1 456	126	1 582	23 885 794	13 331 433	16 044 280	84 327				1 838	240 959	29 702 837	68.2	18 922 247.22	57.9
Tug and Barge	31	16	47	139 926	136 064	-	-				-	175	136 239	0.3	183 821.52	0.6
Tanker	171	28	199	1 359 026	1 333 249	-	-				-	-	1 333 249	3.1	1 214 935.99	3.7
Non-Cargo	-	118	118	112 396	-	-	-				-	-	-	0.0	16 566.75	0.1
Total Down	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327				1 838	241 134	31 172 325	71.6	20 337 571.48	62.2
TOTALS:																
Cargo	2 187	986	3 173	47 970 172	22 072 889	16 062 624	84 327				23 490	3 245 912	41 489 242	95.3	30 326 815.90	92.7
Tug and Barge	47	49	96	286 887	193 873	-	-				-	175	194 048	0.4	324 075.47	1.0
Tanker	234	167	401	2 732 991	1 853 027	-	-				-	-	1 853 027	4.3	2 015 496.86	6.2
Non-Cargo	-	239	239	185 269	-	-	-				-	-	-	0.0	31 243.89	0.1
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327				23 490	3 246 087	43 536 317	100.0	32 697 632.12	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1988

Table 2W

WELLAND CANAL SECTION

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
CANADA:													
Cargo	376	769	1 145	17 755 015	7 614 266	18 344	-	-	240	7 632 850	17.5	7 123 851.28	21.8
Tug and Barge	13	29	42	129 388	51 525	-	-	-	-	51 525	0.1	119 697.37	0.4
Tanker	29	100	129	737 359	214 539	-	-	-	-	214 539	0.5	437 257.67	1.3
Non-Cargo	-	103	103	51 343	-	-	-	-	-	-	0.0	11 383.44	0.0
Total Canada	418	1 001	1 419	18 673 105	7 880 330	18 344	-	-	240	7 898 914	18.1	7 692 189.76	23.5
U.S.A.:													
Cargo	4	13	17	210 532	15 021	-	-	-	-	15 021	0.0	61 846.77	0.2
Tug and Barge	3	4	7	17 573	6 284	-	-	-	-	6 284	0.0	20 556.58	0.1
Tanker	2	27	29	173 142	21 078	-	-	-	-	21 078	0.0	85 606.96	0.3
Non-Cargo	-	18	18	21 530	-	-	-	-	-	-	0.0	3 293.70	0.0
Total U.S.A.	9	62	71	422 777	42 383	-	-	-	-	42 383	0.1	171 304.01	0.5
FOREIGN:													
Cargo	351	78	429	6 118 831	1 112 169	-	-	21 652	3 004 713	4 138 534	9.5	4 218 870.63	12.9
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Tanker	32	12	44	463 464	284 161	-	-	-	-	284 161	0.7	277 696.24	0.8
Non-Cargo	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Foreign	383	90	473	6 582 295	1 396 330	-	-	21 652	3 004 713	4 422 695	10.2	4 496 566.87	13.8
Total Up	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8
DOWNBOUND:													
CANADA:													
Cargo	584	23	607	9 138 558	2 219 584	10 312 960	-	-	32 389	12 564 933	28.9	7 661 554.63	23.4
Tug and Barge	14	4	18	54 572	73 447	-	-	-	-	73 447	0.2	78 627.98	0.2
Tanker	154	13	167	1 100 798	1 263 882	-	-	-	-	1 263 882	2.9	1 060 342.95	3.2
Non-Cargo	-	75	75	21 604	-	-	-	-	-	-	0.0	5 406.60	0.0
Total Canada	752	115	867	10 315 532	3 556 913	10 312 960	-	-	32 389	13 902 262	31.9	8 805 932.16	26.9
U.S.A.:													
Cargo	872	103	975	14 747 236	11 111 849	5 731 320	84 327	1 838	208 570	17 137 904	39.4	11 260 692.59	34.4
Tug and Barge	17	12	29	85 354	62 617	-	-	-	175	62 792	0.1	105 193.54	0.3
Tanker	17	15	32	258 228	69 367	-	-	-	-	69 367	0.2	154 593.04	0.5
Non-Cargo	-	43	43	90 792	-	-	-	-	-	-	0.0	11 160.15	0.0
Total U.S.A.	906	173	1 079	15 181 610	11 243 833	5 731 320	84 327	1 838	208 745	17 270 063	39.7	11 531 639.32	35.3
Total Down	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	71.6	20 337 571.48	62.2
TOTALS:													
CANADA:	1 170	1 116	2 286	28 988 637	11 437 243	10 331 304	-	-	32 629	21 801 176	50.1	16 498 121.92	50.5
U.S.A.:	915	235	1 150	15 604 387	11 286 216	5 731 320	84 327	1 838	208 745	17 312 446	39.8	11 702 943.33	35.8
FOREIGN:	383	90	473	6 582 295	1 396 330	-	-	21 652	3 004 713	4 422 695	10.2	4 496 566.87	13.8
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0	32 697 632.12	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1988

Table 3W

CLASS AND TYPE OF VESSEL		VESSEL TRANSIT			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE				
		Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
UPBOUND:															
OCEAN:															
Cargo	352	120	472		6 773 735	-	1 127 173	-	-	21 652	2 981 542	4 130 367	9.5	4 362 141.10	13.3
Tanker	32	16	48		518 480	-	282 525	-	-	-	-	282 525	0.6	289 548.50	0.9
Total Ocean	384	136	520		7 292 215	-	1 409 698	-	-	21 652	2 981 542	4 412 892	10.1	4 651 689.60	14.2
LAKER:															
Cargo	379	740	1 119		17 310 643	18 344	7 614 283		-	-	23 411	7 656 038	17.6	7 042 427.58	21.5
Tug and Barge	16	30	46		137 190	-	57 809	-	-	-	-	57 809	0.1	133 276.85	0.4
Tanker	31	123	154		855 485	-	237 253	-	-	-	-	237 253	0.5	511 012.37	1.6
Total Laker	426	893	1 319		18 303 318	18 344	7 909 345		-	-	23 411	7 951 100	18.3	7 686 716.80	23.5
ALL OTHER:	-	124	124		82 644	-	-		-	-	-	-	0.0	21 654.24	0.1
Total Upbound	810	1 153	1 963		25 678 177	18 344	9 319 043		-	21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8
DOWNBOUND:															
OCEAN:															
Cargo	409	61	470		6 738 958	4 448 622	1 398 213		84 327	1 838	236 056	6 169 056	14.2	4 559 416.62	13.9
Tanker	40	8	48		518 480	-	365 091	-	-	-	-	365 091	0.8	329 986.22	1.0
Total Ocean	449	69	518		7 257 438	4 448 622	1 763 304		84 327	1 838	236 056	6 534 147	15.0	4 889 402.84	15.0
LAKER:															
Cargo	1 047	65	1 112		17 146 836	11 595 658	11 933 220		-	-	4 903	23 533 781	54.1	14 362 830.60	43.9
Tug and Barge	28	16	44		130 155	-	123 432	-	-	-	175	123 607	0.3	169 378.98	0.5
Tanker	131	20	151		840 546	-	968 158	-	-	-	-	968 158	2.2	884 949.77	2.7
Total Laker	1 206	101	1 307		18 117 537	11 595 658	13 024 810		-	-	5 078	24 625 546	56.6	15 417 159.35	47.2
ALL OTHER:	3	118	121		122 167	-	12 632		-	-	-	12 632	0.0	31 009.29	0.1
Total Downbound	1 658	288	1 946		25 497 142	16 044 280	14 800 746		84 327	1 838	241 134	31 172 325	71.6	20 337 571.48	62.2
TOTALS:															
OCEAN:															
Cargo	761	181	942		13 512 693	4 448 622	2 525 386		84 327	23 490	3 217 598	10 299 423	23.7	8 921 557.72	27.3
Tanker	72	24	96		1 036 960	-	647 616		-	-	-	647 616	1.5	619 534.72	1.9
Total Ocean	833	205	1 038		14 549 653	4 448 622	3 173 002		84 327	23 490	3 217 598	10 947 039	25.1	9 541 092.44	29.2
LAKER:															
Cargo	1 426	805	2 231		34 457 479	11 614 002	19 547 503		-	-	28 314	31 189 819	71.6	21 405 258.18	65.5
Tug and Barge	44	46	90		267 345	-	181 241		-	-	175	181 416	0.4	302 655.83	0.9
Tanker	162	143	305		1 696 031	-	1 205 411		-	-	-	1 205 411	2.8	1 395 962.14	4.3
Total Laker	1 632	994	2 626		36 420 855	11 614 002	20 934 155		-	-	28 489	32 576 646	74.8	23 103 876.15	70.7
ALL OTHER:	3	242	245		204 811	-	12 632		-	-	-	12 632	0.0	52 663.53	0.2
GRAND TOTAL	2 468	1 441	3 909		51 175 319	16 062 624	24 119 789		84 327	23 490	3 246 087	43 536 317	100.0	32 697 632.12	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1988

Table 4W

TYPE OF TRANSIT AND TYPE OF VESSEL		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
		Loaded	Ball		Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
UPBOUND:													
OVERSEAS:													
Cargo	351	78	429	6 118 831	1 112 436	-	-	21 652	2 987 942	4 122 030	9.5	4 218 870.63	12.9
Tanker	32	12	44	463 464	286 452	-	-	-	-	286 452	0.7	277 696.24	0.8
Total Overseas	383	90	473	6 582 295	1 398 888	-	-	21 652	2 987 942	4 408 482	10.1	4 496 566.87	13.8
INLAND:													
Cargo	379	765	1 144	17 696 339	7 623 642	18 344	-	-	17 011	7 658 997	17.6	7 123 383.67	21.8
Tug and Barge	14	30	44	134 308	53 748	-	-	-	-	53 748	0.1	125 843.03	0.4
Tanker	29	118	147	816 584	212 248	-	-	-	-	212 248	0.5	481 180.17	1.5
Total Inland	422	913	1 335	18 647 231	7 889 638	18 344	-	-	17 011	7 924 993	18.2	7 730 406.87	23.6
COASTAL:													
Cargo	1	17	18	269 208	5 378	-	-	-	-	5 378	0.0	62 314.38	0.2
Tug and Barge	2	3	5	12 653	4 061	-	-	-	-	4 061	0.0	14 410.92	0.0
Tanker	2	9	11	93 917	21 078	-	-	-	-	21 078	0.0	41 684.46	0.1
Total Coastal	5	29	34	375 778	30 517	-	-	-	-	30 517	0.1	118 409.76	0.4
NON-CARGO:													
Tug	-	72	72	13 011	-	-	-	-	-	-	0.0	4 909.11	0.0
All Other	-	49	49	59 862	-	-	-	-	-	-	0.0	9 768.03	0.0
Total Non-Cargo	-	121	121	72 873	-	-	-	-	-	-	0.0	14 677.14	0.0
Total Upbound	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8
DOWNBOUND:													
OVERSEAS:													
Cargo	409	32	441	6 463 020	1 391 167	4 494 490	80 836	1 838	236 056	6 204 387	14.3	4 488 607.44	13.7
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Tanker	34	6	40	425 633	296 737	-	-	-	-	296 737	0.7	271 672.84	0.8
Total Overseas	443	38	481	6 888 653	1 687 904	4 494 490	80 836	1 838	236 056	6 501 124	14.9	4 760 280.28	14.6
INLAND:													
Cargo	1 026	89	1 115	17 088 589	11 898 287	11 257 575	-	-	4 903	23 160 765	53.2	14 191 219.18	43.4
Tug and Barge	28	14	42	127 273	123 432	-	-	-	175	123 607	0.3	165 090.78	0.5
Tanker	129	20	149	833 554	954 633	-	-	-	-	954 633	2.2	873 130.07	2.7
Total Inland	1 183	123	1 306	18 049 416	12 976 352	11 257 575	-	-	5 078	24 239 005	55.7	15 229 440.03	46.6
COASTAL:													
Cargo	21	5	26	334 185	41 979	292 215	3 491	-	-	337 685	0.8	242 420.60	0.7
Tug and Barge	3	2	5	12 653	12 632	-	-	-	-	12 632	0.0	18 730.74	0.1
Tanker	8	2	10	99 839	81 879	-	-	-	-	81 879	0.2	70 133.08	0.2
Total Coastal	32	9	41	446 677	136 490	292 215	3 491	-	-	432 196	1.0	331 284.42	1.0
NON-CARGO:													
Tug	-	57	57	10 743	-	-	-	-	-	-	0.0	3 823.80	0.0
All Other	-	61	61	101 653	-	-	-	-	-	-	0.0	12 742.95	0.0
Total Non-Cargo	-	118	118	112 396	-	-	-	-	-	-	0.0	16 566.75	0.1
Total Downbound	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	71.6	20 337 571.48	62.2
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0	32 697 632.12	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1988

Tableau 5W

ORIGIN AND DESTINATION (1)		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE			
		Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
UPBOUND:															
Canada - Canada	67	540	607	6 615 854	1 002 800	18 344	-	-	-	-	1 021 144	2.3	2 137 346.31	6.5	
Canada - U.S.A.	351	461	812	12 057 251	6 877 530	-	-	-	-	240	6 877 770	15.8	5 554 843.45	17.0	
Foreign - Canada	50	33	83	1 186 610	469 147	-	-	127	336 747	-	806 021	1.9	644 207.21	2.0	
Total Canada	468	1 034	1 502	19 859 715	8 349 477	18 344	-	127	336 987	-	8 704 935	20.0	8 336 396.97	25.5	
U.S.A. - Canada	2	37	39	270 584	21 078	-	-	-	-	-	21 078	0.0	111 765.98	0.3	
U.S.A. - U.S.A.	7	25	32	152 193	21 305	-	-	-	-	-	21 305	0.0	59 538.03	0.2	
Foreign - U.S.A.	333	57	390	5 395 685	927 183	-	-	21 525	2 667 966	-	3 616 674	8.3	3 852 359.66	11.8	
Total U.S.A.	342	119	461	5 818 462	969 566	-	-	21 525	2 667 966	-	3 659 057	8.4	4 023 663.67	12.3	
Total Upbound	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	-	12 363 992	28.4	12 360 060.64	37.8	
DOWNBOUND:															
Canada - Canada	599	104	703	8 278 516	2 485 490	9 295 329	-	-	-	-	11 780 819	27.1	7 347 134.38	22.5	
Canada - U.S.A.	38	3	41	302 639	387 883	-	-	-	-	-	387 883	0.9	280 138.64	0.9	
Canada - Foreign	115	8	123	1 734 377	683 540	1 017 631	-	-	32 389	-	1 733 560	4.0	1 178 659.14	3.6	
Total Canada	752	115	867	10 315 532	3 556 913	10 312 960	-	-	32 389	-	13 902 262	31.9	8 805 932.16	26.9	
U.S.A. - Canada	566	108	674	9 843 422	10 207 059	2 250 405	-	-	6 749	-	12 464 213	28.6	7 854 229.74	24.0	
U.S.A. - U.S.A.	12	35	47	183 912	64 567	-	-	-	-	-	64 567	0.1	95 788.44	0.3	
U.S.A. - Foreign	328	30	358	5 154 276	972 207	3 480 915	84 327	1 838	201 996	-	4 741 283	10.9	3 581 621.14	11.0	
Total U.S.A.	906	173	1 079	15 181 610	11 243 833	5 731 320	84 327	1 838	208 745	17 270 063	31 172 325	39.7	11 531 639.32	35.3	
Total Downbound	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	-	31 172 325	71.6	20 337 571.48	62.2	
TOTALS:															
Canada - Canada	666	644	1 310	14 894 370	3 488 290	9 313 673	-	-	-	-	12 801 963	29.4	9 484 480.69	29.0	
Canada - U.S.A.	389	464	853	12 359 890	7 265 413	-	-	-	240	-	7 265 653	16.7	5 834 982.09	17.8	
Canada - Foreign	115	8	123	1 734 377	683 540	1 017 631	-	-	32 389	-	1 733 560	4.0	1 178 659.14	3.6	
Foreign - Canada	50	33	83	1 186 610	469 147	-	-	127	336 747	-	806 021	1.9	644 207.21	2.0	
Total Canada	1 220	1 149	2 369	30 175 247	11 906 390	10 331 304	-	127	369 376	22 607 197	22 607 197	51.9	17 142 329.13	52.4	
U.S.A. - Canada	568	145	713	10 114 006	10 228 137	2 250 405	-	-	6 749	12 485 291	12 485 291	28.7	7 965 995.72	24.4	
U.S.A. - U.S.A.	19	60	79	336 105	85 872	-	-	-	-	85 872	85 872	0.2	155 326.47	0.5	
U.S.A. - Foreign	328	30	358	5 154 276	972 207	3 480 915	84 327	1 838	201 996	4 741 283	4 741 283	10.9	3 581 621.14	11.0	
Foreign - U.S.A.	333	57	390	5 395 685	927 183	-	-	21 525	2 667 966	3 616 674	3 616 674	8.3	3 852 359.66	11.8	
Total U.S.A.	1 248	292	1 540	21 000 072	12 213 399	5 731 320	84 327	23 363	2 876 711	20 929 120	20 929 120	48.1	15 555 302.99	47.6	
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	43 536 317	100.0	32 697 632.12	100.0	

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1988

Table 6W

WELLAND CANAL SECTION													
TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Bulk	544	-	544	7 151 651	9 176 448	-	-	-	-	9 176 448	21.1	5 682 994.14	17.4
Grains	2	-	2	15 103	-	18 344	-	-	-	18 344	0.0	14 654.78	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	1	-	1	1 599	-	-	-	1 744	-	1 744	0.0	3 612.38	0.0
General	205	-	205	2 932 613	-	-	-	-	2 391 068	2 391 068	5.5	2 476 633.54	7.6
Mixed	58	-	58	942 049	142 595	-	-	19 908	613 885	776 388	1.8	737 552.31	2.3
Passengers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast - Overseas	-	90	90	1 238 218	-	-	-	-	-	-	0.0	303 696.80	0.9
- Inland	-	913	913	12 973 723	-	-	-	-	-	-	0.0	3 036 789.93	9.3
- Coastal	-	29	29	350 348	-	-	-	-	-	-	0.0	89 449.62	0.3
- Non-Cargo	-	121	121	72 873	-	-	-	-	-	-	0.0	14 677.14	0.0
Total Upbound	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8
DOWNBOUND:													
Bulk	822	-	822	11 361 405	14 707 315	-	-	-	-	14 707 315	33.8	9 509 128.47	29.1
Grains	679	-	679	10 340 300	-	13 905 867	-	-	-	13 905 867	31.9	8 631 270.25	26.4
Government Aid	3	-	3	26 938	-	-	23 503	-	-	23 503	0.1	20 725.06	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	28	-	28	325 019	-	-	-	-	220 646	220 646	0.5	258 717.18	0.8
Mixed	126	-	126	1 918 850	93 431	2 138 413	60 824	1 838	20 488	2 314 994	5.3	1 512 229.36	4.6
Passengers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast - Overseas	-	38	38	395 777	-	-	-	-	-	-	0.0	114 170.04	0.3
- Inland	-	123	123	926 363	-	-	-	-	-	-	0.0	247 700.57	0.8
- Coastal	-	9	9	90 094	-	-	-	-	-	-	0.0	27 063.80	0.1
- Non-Cargo	-	118	118	112 396	-	-	-	-	-	-	0.0	16 566.75	0.1
Total Downbound	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	71.6	20 337 571.48	62.2
TOTALS:													
Bulk	1 366	-	1 366	18 513 056	23 883 763	-	-	-	-	23 883 763	54.9	15 192 122.61	46.5
Grains	681	-	681	10 355 403	-	13 924 217	-	-	-	13 924 211	32.0	8 645 925.03	26.4
Government Aid	3	-	3	26 938	-	-	23 503	-	-	23 503	0.1	20 725.06	0.1
Containers	1	-	1	1 599	-	-	-	1 744	-	1 744	0.0	3 612.38	0.0
General	233	-	233	3 257 632	-	-	-	-	2 611 714	2 611 714	6.0	2 735 350.72	8.4
Mixed	184	-	184	2 860 899	236 026	2 138 413	60 824	21 746	634 373	3 091 382	7.1	2 249 781.67	6.9
Passengers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast - Overseas	-	128	128	1 633 995	-	-	-	-	-	-	0.0	417 866.84	1.3
- Inland	-	1 036	1 036	13 900 086	-	-	-	-	-	-	0.0	3 284 490.50	10.0
- Coastal	-	38	38	440 442	-	-	-	-	-	-	0.0	116 513.42	0.4
- Non-Cargo	-	239	239	185 269	-	-	-	-	-	-	0.0	31 243.89	0.1
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0	32 697 632.12	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1988

UPBOUND

Table 7W Part A

TYPE OF TRANSIT AND CARGO			VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
			Loaded	Ball		Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
OVERSEAS:														
Bulk	121	-	121	1 484 223	1 256 293	-	-	-	-	1 256 293	2.9	953 720.02	3.0	
Grains	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Containers	1	-	1	1 599	-	-	-	1 744	-	1 744	0.0	3 612.38	0.0	
General	203	-	203	2 916 206	-	-	-	-	2 374 057	2 374 057	5.5	2 457 985.36	7.5	
Mixed	58	-	58	942 049	142 595	-	-	-	19 908	776 388	1.8	737 552.31	2.3	
In Ballast	-	90	90	1 238 218	-	-	-	-	-	-	0.0	303 696.80	0.9	
Total Overseas	383	90	473	6 582 295	1 398 888	-	-	21 652	2 987 942	4 408 482	10.1	4 496 566.87	13.8	
INLAND:														
Bulk	418	-	418	5 641 998	7 889 638	-	-	-	-	7 889 638	18.1	4 660 313.98	14.3	
Grains	2	-	2	15 103	-	18 344	-	-	-	18 344	0.0	14 654.78	0.0	
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
General	2	-	2	16 407	-	-	-	-	17 011	17 011	0.0	18 648.18	0.1	
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
In Ballast	-	913	913	12 973 723	-	-	-	-	-	-	0.0	3 036 789.93	9.3	
Total Inland	422	913	1 335	18 647 231	7 889 638	18 344	-	-	17 011	7 924 993	18.2	7 730 406.87	23.6	
COASTAL:														
Bulk	5	-	5	25 430	30 517	-	-	-	-	30 517	0.1	28 960.14	0.1	
Grains	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
General	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
In Ballast	-	29	29	350 348	-	-	-	-	-	-	0.0	89 449.62	0.3	
Total Coastal	5	29	34	375 778	30 517	-	-	-	-	30 517	0.1	118 409.76	0.4	
NON-CARGO:														
	-	121	121	72 873	-	-	-	-	-	-	0.0	14 677.14	0.0	
TOTAL UPBOUND	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8	

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1988

DOWNBOUND

Table TW i art B

WELLAND CANAL SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE	
	Loaded	Ball	Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
OVERSEAS:											
Bulk	136	-	136	1 600 809	-	-	-	-	1 600 809	3.7	1 206 877.98
Grains	215	-	215	-	3 692 986	-	-	-	3 692 986	8.5	2 487 889.42
Government Aid	3	-	3	-	-	23 503	-	-	23 503	0.1	20 725.06
Containers	-	-	-	-	-	-	-	-	-	0.0	0.00
General	26	-	26	-	-	-	-	219 254	219 254	0.5	252 159.02
Mixed	63	-	63	87 095	801 504	57 333	1 838	16 802	964 572	2.2	678 458.76
In Ballast	-	38	38	-	-	-	-	-	-	0.0	114 170.04
Total Overseas	443	38	481	1 687 904	4 494 490	80 836	1 838	236 056	6 501 124	14.9	4 760 280.28
INLAND:											
Bulk	673	-	673	12 970 016	-	-	-	-	12 970 016	29.8	8 197 499.99
Grains	457	-	457	-	10 123 768	-	-	-	10 123 768	23.3	6 079 893.07
Government Aid	-	-	-	-	-	-	-	-	-	0.0	0.00
Containers	-	-	-	-	-	-	-	-	-	0.0	0.00
General	2	-	2	-	-	-	-	1 392	1 392	0.0	6 558.16
Mixed	51	-	51	6 336	1 133 807	-	-	3 686	1 143 829	2.6	697 788.24
In Ballast	-	123	123	-	-	-	-	-	-	0.0	247 700.57
Total Inland	1 183	123	1 306	12 976 352	11 257 575	-	-	5 078	24 239 005	55.7	15 229 440.03
COASTAL:											
Bulk	13	-	13	136 490	-	-	-	-	136 490	0.3	104 750.50
Grains	7	-	7	-	89 113	-	-	-	89 113	0.2	63 487.76
Government Aid	-	-	-	-	-	-	-	-	-	0.0	0.00
Containers	-	-	-	-	-	-	-	-	-	0.0	0.00
General	-	-	-	-	-	-	-	-	-	0.0	0.00
Mixed	12	-	12	-	203 102	3 491	-	-	206 593	0.5	135 982.36
In Ballast	-	9	9	-	-	-	-	-	-	0.0	27 063.80
Total Coastal	32	9	41	136 490	292 215	3 491	-	-	432 196	1.0	331 284.42
NON-CARGO:											
	-	118	118	-	-	-	-	-	-	0.0	16 566.75
TOTAL DOWNBOUND	1 658	288	1 946	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	71.6	20 337 571.48
GRAND TOTAL	2 468	1 441	3 909	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0	32 697 632.12

TRAFFIC BY COUNTRY OF REGISTRY
1988

Table 8W

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						WELLAND CANAL SECTION		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	REVENUE		
											%	\$	%
Canada	1 543	1 086	2 629	35 503 883	20 212 162	11 603 598	-	-	28 314	31 844 074	22 602 719.25	9.1	
United States	86	142	228	1 067 403	706 910	17 842	1 363	-	177	726 292	512 119.91	1.6	
England	9	1	10	206 532	58 346	74 082	-	-	49 287	181 715	136 162.47	0.4	
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
Belgium	7	1	8	173 288	368	101 496	-	1 981	57 658	161 503	121 191.14	0.4	
Denmark	3	3	6	36 582	14 017	-	-	-	1 868	15 885	25 029.68	0.1	
Norway	-	-	-	-	-	-	-	-	-	-	-	0.0	
Sweden	10	2	12	74 550	39 834	2 000	3 371	-	29 728	74 933	77 856.14	0.2	
Finland	4	-	4	49 540	1 241	9 025	-	-	19 831	30 097	33 630.80	0.1	
France	4	2	6	99 986	-	50 578	-	-	10 036	60 614	52 945.84	0.2	
West Germany	2	2	4	31 022	-	-	-	-	3 712	3 712	11 066.36	0.0	
Greece	81	17	98	1 432 838	246 891	405 450	8 602	1 293	390 737	1 052 973	941 444.08	2.9	
Italy	1	3	4	61 516	-	16 424	-	-	-	16 424	21 769.68	0.1	
Poland	41	15	56	927 486	2 940	486 506	-	-	182 336	671 782	563 824.40	1.7	
Russia	22	12	34	343 948	-	91 719	-	215	15 474	107 408	167 401.40	0.5	
Spain	17	1	18	121 288	93 308	16 069	-	-	27 325	136 702	124 472.61	0.4	
Yugoslavia	66	14	80	1 358 026	263 919	475 924	-	374	265 959	1 006 176	832 823.52	2.5	
Iceland	10	-	10	43 728	59 174	-	-	-	-	59 174	56 425.88	0.2	
Cuba	3	3	6	93 782	-	35 621	-	-	-	35 621	38 499.02	0.1	
Panama	150	38	188	2 568 938	497 925	808 127	20 034	1 752	612 579	1 940 417	1 710 157.37	5.2	
West Indies	11	5	16	132 556	-	33 178	-	3 521	69 145	105 844	115 607.78	0.4	
British W. Indies and Bermuda	51	17	68	707 859	245 700	109 053	-	-	156 410	511 163	498 769.52	1.5	
Central America	-	1	1	496	-	-	-	-	-	-	2 104.00	0.0	
Brazil	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
Venezuela	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
Peru	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
China (Nationalist)	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
India	2	-	2	21 716	4 904	166 588	-	-	2 840	7 744	11 602.48	0.0	
Japan	24	2	26	430 386	108 034	36 783	-	-	107 106	381 728	299 868.94	0.9	
Middle East	14	-	14	247 770	101 993	36 783	-	937	97 916	237 629	188 119.34	0.6	
Israel	108	29	137	2 034 166	359 545	733 007	24 757	4 050	468 310	1 589 669	1 338 763.27	4.1	
Turkey	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
Other Asia	55	12	67	863 030	322 665	157 305	16 641	-	131 839	628 477	554 658.10	1.7	
Liberia	128	25	153	2 256 018	762 162	543 809	5 447	9 269	456 003	1 776 690	1 482 205.50	4.5	
Algeria	2	2	4	39 072	-	-	-	71	3 306	3 377	15 625.10	0.0	
French Africa	-	-	-	-	-	-	-	-	-	-	0.00	0.0	
Other	14	6	20	247 914	17 751	88 440	4 112	-	58 191	168 494	160 768.54	0.5	
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	32 697 632.12	100.0	

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1988

Table 9W

WELLAND CANAL SECTION

COMMODITY	CARGO TONNES						% OF
	Bulk	Grains	Govt. Aid	Containers	General	Total	TOTAL
Wheat	-	10 779 352	-	-	-	10 779 352	24.8
Corn	-	2 436 345	-	-	-	2 436 345	5.6
Rye	-	16 310	-	-	-	16 310	0.0
Oats	-	35 889	-	-	-	35 889	0.1
Barley	-	1 128 702	-	-	-	1 128 702	2.6
Flour, Wheat	-	-	3 395	-	-	3 395	0.0
Flour, Edible, Other	-	-	3 521	-	-	3 521	0.0
Soybeans	-	764 406	-	-	-	764 406	1.8
Soybean, Oil, Cake and Meal	7 600	-	-	-	-	7 600	0.0
Beans and Peas	-	203 569	-	-	-	203 569	0.5
Malt	-	6 265	-	-	-	6 265	0.0
Flaxseed	-	258 288	-	-	-	258 288	0.6
Sunflower Seeds	-	14 106	-	-	-	14 106	0.0
Other Agricultural Products	28 459	419 392	32 387	68	-	480 306	1.1
Total Agricultural Products	36 059	16 062 624	39 303	68	-	16 138 054	37.1
Packing House Products, Edible	-	-	-	-	-	-	0.0
Hides, Skins and Pelts	-	-	-	-	-	-	0.0
Other Animal Products	37 653	-	-	40	-	37 693	0.1
Total Animal Products	37 653	-	-	40	-	37 693	0.1
Bituminous coal	7 029 061	-	-	-	-	7 029 061	16.1
Coke	1 638 341	-	-	-	-	1 638 341	3.8
Iron Ore	7 083 883	-	-	-	-	7 083 883	16.3
Aluminum Ore and Concentrates	218 960	-	-	-	-	218 960	0.5
Clay and Bentonite	240 823	-	-	-	-	240 823	0.6
Gravel and Sand	226 492	-	-	-	-	226 492	0.5
Stone, Ground or Crushed	992 668	-	-	-	-	992 668	2.3
Stone, Rough	15 021	-	-	-	-	15 021	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 672 709	-	-	-	-	1 672 709	3.8
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	974 082	-	-	-	415	974 497	2.2
Total Mine Products	20 092 040	-	-	-	415	20 092 455	46.2
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	1 816	-	-	50	18 976	20 842	0.0
Total Forest Products	1 816	-	-	50	18 976	20 842	0.0
Gasoline	126 537	-	-	-	-	126 537	0.3
Fuel Oil	669 756	-	-	-	-	669 756	1.5
Lubricating Oils and Grease	18 544	-	-	-	-	18 544	0.0
Petroleum Products, Other	141 004	-	-	-	-	141 004	0.3
Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	0.0
Chemicals	798 330	-	-	304	2 635	801 269	1.8
Sodium Products	112 816	-	-	72	-	112 888	0.3
Tar, Pitch and Creosote	62 830	-	-	-	-	62 830	0.1
Pig Iron	82 921	-	-	-	-	82 921	0.2
Iron and Steel, Bars, Rods, Slabs	-	-	-	1 689	696 161	697 850	1.6
Iron and Steel, Nails and Wire	-	-	-	1 246	7 150	8 396	0.0
Iron and Steel, Manufactured	-	-	-	386	2 327 553	2 327 939	5.3
Machinery and Machines	529	-	-	8 504	37 514	46 547	0.1
Cement	488 672	-	-	-	-	488 672	1.1
Woodpulp	143 002	-	-	-	-	143 002	0.3
Newsprint	-	-	-	-	-	-	0.0
Syrup and Molasses	1 289	-	-	-	-	1 289	0.0
Sugar	7 364	-	-	-	5 012	12 376	0.0
Food Products	-	-	10 284	259	-	10 543	0.0
Scrap Iron and Steel	364 658	-	-	-	-	364 658	0.8
Other Manufactures and Misc. (1)	933 969	-	34 740	10 872	150 671	1 130 252	2.6
Total Manufactures and Misc.	3 952 221	-	45 024	23 332	3 226 696	7 247 273	16.6
GRAND TOTAL	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1988

Table 10W Part A

WELLAND CANAL SECTION

Table 10W - Part A		WELLAND CANAL SECTION								
NO.	COMMODITY	From: To:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UPBOUND
			Canada		United States		Foreign			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		18 344	-	-	-	-	-	18 344	0.1
2	Corn		-	-	-	-	-	-	-	0.0
3	Rye		-	-	-	-	-	-	-	0.0
4	Oats		-	-	-	-	-	-	-	0.0
5	Barley		-	-	-	-	-	-	-	0.0
6	Flour, Wheat		-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other		-	-	-	-	-	-	-	0.0
8	Soybeans		-	-	-	-	-	-	-	0.0
9	Soybean Oil, Cake and Meal		-	-	-	-	-	-	-	0.0
10	Beans and Peas		-	-	-	-	-	-	-	0.0
11	Malt		-	-	-	-	-	-	-	0.0
12	Flaxseed		-	-	-	-	-	-	-	0.0
13	Sunflower Seeds		-	-	-	-	-	-	-	0.0
14	Other Agricultural Products		-	-	-	-	-	68	68	0.0
15	Total Agricultural Products		18 344	-	-	-	-	68	18 412	0.1
16	Packing House Products, Edible		-	-	-	-	-	-	-	0.0
17	Hides, Skins and Pelts		-	-	-	-	-	-	-	0.0
18	Other Animal Products		-	-	-	-	-	40	40	0.0
19	Total Animal Products		-	-	-	-	-	40	40	0.0
20	Bituminous Coal		-	1 706	-	-	-	313	2 019	0.0
21	Coke		10 976	92 148	-	-	-	190 614	293 738	2.4
22	Iron Ore		694 964	5 001 689	-	-	-	67 578	5 764 231	46.6
23	Aluminum Ore and Concentrates		12 736	5 004	-	-	178 487	22 733	218 960	1.8
24	Clay and Bentonite		-	-	-	-	-	4 589	4 589	0.0
25	Gravel and Sand		-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed		45 153	638 444	-	-	-	-	683 597	5.5
27	Stone, Rough		-	-	15 021	-	-	-	15 021	0.1
28	Petroleum, Crude		-	-	-	-	-	-	-	0.0
29	Salt		-	-	-	-	-	-	-	0.0
30	Phosphate Rock		-	-	-	-	-	-	-	0.0
31	Sulphur		-	-	-	-	-	-	-	0.0
32	Other Mine Products		16 396	25 201	-	2 223	87 671	196 642	328 133	2.7
33	Total Mine Products		780 225	5 764 192	-	17 244	266 158	482 469	7 310 288	59.1
34	Pulpwood		-	-	-	-	-	-	-	0.0
35	Other Forest Products		-	-	-	-	-	50	50	0.0
36	Total Forest Products		-	-	-	-	-	50	50	0.0
37	Gasoline		67 701	12 308	-	-	-	-	80 009	0.6
38	Fuel Oil		28 160	84 357	-	-	-	-	142 994	1.2
39	Lubricating Oils and Grease		-	-	-	-	24 846	5 631	12 941	0.1
40	Petroleum Products, Other		-	-	-	-	12 941	-	12 941	0.1
41	Rubber, Crude, Natural, Synthetic		6 824	8 085	12 130	-	66 671	1 198	94 908	0.8
42	Chemicals		-	-	-	-	-	-	-	0.0
43	Sodium Products		5 286	1 818	8 948	4 061	87 167	147 271	254 551	2.1
44	Tar, Pitch and Creosote		-	-	-	-	-	72	72	0.0
45	Pig Iron		5 314	70 153	-	-	-	-	-	0.0
46	Iron and Steel, Bars, Rods, Slabs		-	-	-	-	-	7 454	82 921	0.7
47	Iron and Steel, Nails and Wire		-	-	-	-	281 506	416 344	697 850	5.6
48	Iron and Steel, Manufactured		-	-	-	-	5 139	3 257	8 396	0.1
49	Machinery and Machines		234	240	-	-	48 384	2 072 272	2 120 656	17.2
50	Cement		30 844	423 601	-	-	1 812	32 696	34 982	0.3
51	Woodpulp		-	-	-	-	-	-	454 445	3.7
52	Newsprint		-	-	-	-	-	103 243	103 243	0.8
53	Syrup and Molasses		-	-	-	-	-	-	-	0.0
54	Sugar		-	-	-	-	-	-	-	0.0
55	Food Products		-	-	-	-	7 364	5 012	12 376	0.1
56	Scrap Iron and Steel		58 963	96 919	-	-	-	259	259	0.0
57	Other Manufactures and Misc. (1)		19 249	416 097	-	-	-	12 012	167 894	1.4
58	Total Manufactures and Misc.		222 575	1 113 578	21 078	4 061	539 863	3 134 047	5 035 202	40.7
59	GRAND TOTAL		1 021 144	6 877 770	21 078	21 305	806 021	3 616 674	12 363 992	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1988

Table 10W Part B

WELLAND CANAL SECTION

DOWNBOUND TONNES						TOTAL DOWN- BOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.	
From:	Canada		United States					TOTAL CARGO TONNES	% OF TOTAL		
	Canada	United States	Foreign	Canada	United States						Foreign
To:	Canada	United States	Foreign	Canada	United States	Foreign					
	8 394 649	-	296 029	705 478	-	1 364 852	10 761 008	34.5	10 779 352	24.8	1
	185 729	-	62 319	1 248 542	-	939 755	2 436 345	7.8	2 436 345	5.6	2
	3 600	-	2 300	-	-	10 410	16 310	0.1	16 310	0.0	3
	32 052	-	3 837	-	-	-	35 889	0.1	35 889	0.1	4
	504 533	-	24 421	250 291	-	349 457	1 128 702	3.6	1 128 702	2.6	5
	-	-	-	-	-	3 395	3 395	0.0	3 395	0.0	6
	-	-	-	-	-	3 521	3 521	0.0	3 521	0.0	7
	12 001	-	118 318	46 094	-	587 993	764 406	2.5	764 406	1.8	8
	6 336	-	-	-	-	1 264	7 600	0.0	7 600	0.0	9
	-	-	147 938	-	-	55 631	203 569	0.7	203 569	0.5	10
	5 127	-	1 138	-	-	-	6 265	0.0	6 265	0.0	11
	-	-	258 288	-	-	-	258 288	0.8	258 288	0.6	12
	-	-	-	-	-	14 106	14 106	0.0	14 106	0.0	13
	157 638	-	119 891	-	-	202 709	480 238	1.5	480 306	1.1	14
	9 301 665	-	1 032 479	2 250 405	-	3 533 093	16 119 642	51.7	16 138 054	37.1	15
	-	-	-	-	-	-	-	0.0	-	0.0	16
	-	-	-	-	-	-	-	0.0	-	0.0	17
	-	-	-	514	-	37 139	37 653	0.1	37 693	0.1	18
	-	-	-	514	-	37 139	37 653	0.1	37 693	0.1	19
	127 263	-	-	6 863 520	-	36 259	7 027 042	22.5	7 029 061	16.1	20
	58 488	-	31 891	888 728	-	365 496	1 344 603	4.3	1 638 341	3.8	21
	26 603	-	-	1 293 049	-	-	1 319 652	4.2	7 083 883	16.3	22
	-	-	-	-	-	-	-	0.0	218 960	0.5	23
	-	-	-	145 632	-	90 602	236 234	0.8	240 823	0.6	24
	-	-	-	226 492	-	-	226 492	0.7	226 492	0.5	25
	188 130	-	-	120 941	-	-	309 071	1.0	992 668	2.3	26
	-	-	-	-	-	-	-	0.0	15 021	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	1 179 157	47 125	-	411 839	34 588	-	1 672 709	5.4	1 672 709	3.8	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	79 466	84 564	265 668	207 364	-	9 302	646 364	2.1	974 497	2.2	32
	1 659 107	131 689	297 559	10 157 565	34 588	501 659	12 782 167	41.0	20 092 455	46.2	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	20 792	-	-	-	20 792	0.1	20 842	0.0	35
	-	-	20 792	-	-	-	20 792	0.1	20 842	0.0	36
	46 528	-	-	-	-	-	46 528	0.1	126 537	0.3	37
	385 673	128 184	-	12 905	-	-	526 762	1.7	669 756	1.5	38
	-	-	-	5 104	-	499	5 603	0.0	18 544	0.0	39
	27 209	8 128	10 759	-	-	-	46 096	0.1	141 004	0.3	40
	-	-	-	-	-	-	-	0.0	-	0.0	41
	196 816	115 634	219 744	6 771	-	7 753	546 718	1.8	801 269	1.8	42
	112 816	-	-	-	-	-	112 816	0.4	112 888	0.3	43
	39 919	-	-	22 911	-	-	62 830	0.2	62 830	0.1	44
	-	-	-	-	-	-	-	0.0	82 921	0.2	45
	-	-	-	-	-	-	-	0.0	697 850	1.6	46
	-	-	-	-	-	-	-	0.0	8 396	0.0	47
	-	-	13 394	4 903	-	188 986	207 283	0.7	2 327 939	5.3	48
	295	-	-	1 846	-	9 424	11 565	0.0	46 547	0.1	49
	-	4 248	-	-	29 979	-	34 227	0.1	488 672	1.1	50
	-	-	39 759	-	-	-	39 759	0.1	143 002	0.3	51
	-	-	-	-	-	-	-	0.0	-	0.0	52
	-	-	-	1 289	-	-	1 289	0.0	1 289	0.0	53
	-	-	-	-	-	-	-	0.0	12 376	0.0	54
	-	-	-	-	-	10 284	10 284	0.0	10 543	0.0	55
	-	-	55 446	-	-	141 318	196 764	0.6	364 658	0.8	56
	-	-	41 628	-	-	311 128	363 547	1.2	1 130 252	2.6	57
	820 047	256 194	380 730	55 729	29 979	669 392	2 212 071	7.1	7 247 273	16.6	58
	11 780 819	387 883	1 733 560	12 464 213	64 567	4 741 283	31 172 325	100.0	43 536 317	100.0	59

TRAFFIC BY VESSEL LENGTH
1988

Table 11W

VESSEL LENGTH		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE				
		Loaded	Ball		Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:														
under 32 m	-	76	76	10 783	-	-	-	-	-	-	-	0.0	5 959.30	0.0
32 - 62 m	-	40	40	23 684	-	-	-	-	-	-	-	0.0	7 434.90	0.0
63 - 93 m	20	23	43	110 634	30 227	-	-	1 765	11 217	43 209	-	0.1	128 042.13	0.4
94 - 124 m	90	86	176	727 023	406 716	-	-	1 744	86 983	495 443	-	1.1	711 346.53	2.2
125 - 155 m	108	119	227	1 684 361	673 741	6 340	-	242	179 530	859 853	-	2.0	1 088 992.74	3.3
156 - 186 m	203	92	295	4 115 216	982 523	-	-	2 230	1 520 170	2 504 923	-	5.8	2 410 910.77	7.4
187 - 217 m	111	88	199	2 981 765	1 051 041	12 004	-	1 607	650 790	1 715 442	-	3.9	1 479 392.42	4.5
over 217 m	278	629	907	15 964 711	6 174 795	-	-	14 064	556 263	6 745 122	-	15.5	6 527 981.85	20.0
Total Upbound	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	-	28.4	12 360 060.64	37.8
DOWNBOUND:														
under 32 m	1	59	60	8 557	90	-	-	-	-	90	-	0.0	7 215.50	0.0
32 - 62 m	2	52	54	30 383	1 289	-	-	-	175	1 464	-	0.0	15 160.37	0.0
63 - 93 m	27	14	41	102 279	107 255	-	-	12	2 034	109 301	-	0.3	154 211.66	0.5
94 - 124 m	133	40	173	774 739	528 680	233 879	-	-	11 610	774 169	-	1.8	842 336.12	2.6
125 - 155 m	178	45	223	1 655 537	1 095 469	208 895	64 472	1 818	26 662	1 397 316	-	3.2	1 326 888.05	4.1
156 - 186 m	244	53	297	4 127 980	898 244	2 546 524	19 855	8	148 174	3 612 805	-	8.3	2 672 353.56	8.2
187 - 217 m	184	15	199	2 969 313	991 735	2 130 135	-	-	52 479	3 174 349	-	7.3	2 082 969.04	6.4
over 217 m	889	10	899	15 828 354	11 177 984	10 924 847	-	-	-	22 102 831	-	50.8	13 236 437.18	40.5
Total Downbound	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	-	71.6	20 337 571.48	52.2
TOTALS:														
under 32 m	1	135	136	19 340	90	-	-	-	-	90	-	0.0	13 174.80	0.0
32 - 62 m	2	92	94	54 067	1 289	-	-	-	175	1 464	-	0.0	22 595.27	0.1
63 - 93 m	47	37	84	212 913	137 482	-	-	1 777	13 251	152 510	-	0.4	282 253.79	0.9
94 - 124 m	223	126	349	1 561 762	935 396	233 879	-	-	93 593	1 269 612	-	2.9	1 553 682.65	4.8
125 - 155 m	286	164	450	3 339 898	1 769 210	215 235	64 472	2 060	206 192	2 257 169	-	5.2	2 415 880.79	7.4
156 - 186 m	447	145	592	8 243 196	1 880 767	2 546 524	19 855	2 238	1 668 344	6 117 728	-	14.1	5 083 264.33	15.5
187 - 217 m	295	103	398	5 951 078	2 042 776	2 142 139	-	1 607	703 269	4 889 791	-	11.2	3 562 361.46	10.9
over 217 m	1 167	639	1 806	31 793 065	17 352 779	10 924 847	-	14 064	556 263	28 847 953	-	66.3	19 764 419.03	60.4
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	-	100.0	32 697 632.12	100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1988

Table 12W

WELLAND CANAL SECTION

WELLAND CANAL SECTION											
GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Con- tainers	General	Total	%
UPBOUND:											
under 1000	2	110	112	28 095	-	-	-	-	950	950	0.0
1000 - 1999	11	21	32	56 092	6 284	-	-	3 509	6 875	16 668	0.0
2000 - 2999	4	7	11	31 137	9 287	-	-	-	3 392	12 679	0.0
3000 - 3999	29	54	83	297 916	104 601	-	-	121	7 412	112 134	0.3
4000 - 4999	39	40	79	358 210	205 036	-	-	-	4 215	209 251	0.5
5000 - 5999	38	56	94	532 915	224 923	6 340	-	-	21 020	252 283	0.6
6000 - 6999	20	19	39	253 295	87 253	-	-	-	49 646	136 899	0.3
7000 - 7999	34	13	47	348 651	294 860	-	-	-	48 666	343 526	0.8
8000 - 8999	19	15	34	288 011	119 728	-	-	27	31 371	151 126	0.3
9000 - 9999	34	43	77	729 454	320 977	12 004	-	94	29 763	362 838	0.8
10000 - 10999	9	7	16	167 970	72 664	-	-	-	14 690	87 354	0.2
11000 - 11999	23	20	43	493 743	156 179	-	-	-	25 346	181 525	0.4
12000 - 12999	16	6	22	276 255	77 257	-	-	-	75 664	152 921	0.4
13000 - 13999	44	35	79	1 088 032	490 301	-	-	-	132 692	622 993	1.4
14000 - 14999	30	17	47	677 384	271 024	-	-	-	145 315	416 339	1.0
15000 - 15999	68	135	203	3 194 720	1 080 714	-	-	1 293	286 076	1 368 083	3.1
16000 - 16999	134	243	377	6 191 438	1 749 103	-	-	1 607	812 065	2 562 775	5.9
17000 & over	256	312	568	10 664 859	4 048 852	-	-	15 001	1 309 795	5 373 648	12.3
Total Up	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	28.4
DOWNBOUND:											
under 1000	4	109	113	35 667	1 379	-	-	-	1 392	2 771	0.0
1000 - 1999	14	13	27	46 162	33 360	-	-	12	2 380	35 752	0.1
2000 - 2999	5	5	10	27 746	23 030	2 917	-	-	-	25 947	0.1
3000 - 3999	71	10	81	290 432	228 034	147 628	-	-	44	375 706	0.9
4000 - 4999	59	20	79	358 280	306 081	61 197	-	-	1 509	368 787	0.8
5000 - 5999	69	25	94	532 292	404 443	76 810	-	-	2 177	483 430	1.1
6000 - 6999	28	9	37	240 181	190 581	20 939	3 371	-	4 237	219 128	0.5
7000 - 7999	22	27	49	365 092	160 226	35 597	-	-	4 301	200 124	0.5
8000 - 8999	27	7	34	287 743	148 256	22 793	28 653	94	8 992	208 788	0.5
9000 - 9999	63	13	76	721 261	160 707	504 792	30 320	71	3 041	698 931	1.6
10000 - 10999	11	7	18	189 300	73 532	56 305	3 491	1 653	12 850	112 831	0.3
11000 - 11999	41	3	44	505 497	381 636	60 704	9 541	8	1 002	452 891	1.0
12000 - 12999	15	7	22	275 691	50 591	143 227	-	-	1 066	194 884	0.4
13000 - 13999	74	2	76	1 046 619	659 337	469 417	7 893	-	21 207	1 157 854	2.7
14000 - 14999	44	3	47	677 705	235 589	512 473	1 058	-	16 365	765 485	1.8
15000 - 15999	194	9	203	3 195 705	805 251	3 544 243	-	-	16 417	4 365 911	10.0
16000 - 16999	365	7	372	6 111 083	1 639 791	6 601 328	-	-	37 919	8 279 038	19.0
17000 & over	552	12	564	10 590 686	9 333 922	3 783 910	-	-	106 235	13 224 067	30.4
Total Down	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	71.6
TOTALS:											
under 1000	6	219	225	63 762	1 379	-	-	-	2 342	3 721	0.0
1000 - 1999	25	34	59	102 254	39 644	-	-	3 521	9 255	52 420	0.1
2000 - 2999	9	12	21	58 883	32 317	2 917	-	-	3 392	38 626	0.1
3000 - 3999	100	64	164	588 348	332 635	147 628	-	121	7 456	487 840	1.1
4000 - 4999	57	60	117	716 490	511 117	61 197	-	-	5 724	578 038	1.3
5000 - 5999	107	81	188	1 065 207	629 366	83 150	-	-	23 197	735 713	1.7
6000 - 6999	48	28	76	493 476	277 834	20 939	3 371	-	53 883	356 027	0.8
7000 - 7999	56	40	96	713 743	455 086	35 597	-	-	52 967	543 650	1.2
8000 - 8999	46	22	68	575 754	267 984	22 793	28 653	121	40 363	359 914	0.8
9000 - 9999	97	56	153	1 450 715	481 684	516 796	30 320	165	32 804	1 061 769	2.4
10000 - 10999	20	14	34	357 270	111 196	56 305	3 491	1 653	27 540	200 185	0.5
11000 - 11999	64	23	87	999 240	537 815	60 704	9 541	8	26 348	634 416	1.5
12000 - 12999	31	13	44	551 946	127 848	143 227	-	-	76 730	347 805	0.8
13000 - 13999	118	37	155	2 134 651	1 149 638	469 417	7 893	-	153 899	1 780 847	4.1
14000 - 14999	74	20	94	1 355 089	506 613	512 473	1 058	-	161 680	1 181 824	2.7
15000 - 15999	262	144	406	6 390 425	1 885 965	3 544 243	-	1 293	302 493	5 733 994	13.2
16000 - 16999	499	250	749	12 302 521	3 388 894	6 601 328	-	1 607	849 984	10 841 813	24.9
17000 & over	808	324	1 132	21 255 545	13 382 774	3 783 910	-	15 001	1 416 030	18 597 715	42.7
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO
1988

Table 13W

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						WELLAND CANAL SECTION		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	REVENUE	
												\$	%
UPBOUND:													
March	5	10	15	200 577	93 943	-	-	-	286 218	93 943	0.2	59 779.45	0.2
April	77	158	235	3 122 048	831 932	-	-	1 245	419 465	1 119 395	2.6	1 315 643.12	4.0
May	98	176	274	3 505 430	997 044	-	-	2 776	310 396	1 419 285	3.3	1 577 163.69	4.8
June	87	142	229	2 993 954	1 027 196	-	-	2 297	349 285	1 339 889	3.1	1 374 475.54	4.2
July	96	96	192	2 560 890	1 059 863	12 004	-	4 523	349 285	1 425 675	3.3	1 331 361.39	4.1
August	95	108	203	2 600 712	1 138 193	-	-	1 878	301 576	1 441 647	3.3	1 342 478.96	4.1
September	93	114	207	2 626 292	1 122 548	-	-	4 619	356 974	1 484 141	3.4	1 385 132.38	4.2
October	101	110	211	2 912 434	1 305 465	6 340	-	1 897	348 330	1 662 032	3.8	1 517 384.61	4.6
November	121	129	250	3 267 758	1 180 125	-	-	1 914	584 525	1 766 564	4.1	1 739 264.68	5.3
December	37	110	147	1 888 082	562 734	-	-	503	48 184	611 421	1.4	717 376.82	2.2
January	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Upbound	810	1 153	1 963	25 678 177	9 319 043	18 344	-	21 652	3 004 953	12 363 992	28.4	12 360 060.64	37.8
DOWNBOUND:													
March	9	1	10	164 664	78 041	148 428	-	-	-	226 469	0.5	137 723.54	0.4
April	167	25	192	2 467 577	1 139 881	2 107 625	-	-	1 217	3 248 723	7.5	2 081 449.38	6.4
May	250	42	292	3 874 050	1 646 880	3 045 356	9 967	71	2 321	4 704 595	10.8	3 069 877.86	9.4
June	180	37	217	2 813 220	1 802 044	1 642 486	9 974	-	18 996	3 473 500	8.0	2 258 071.67	6.9
July	162	28	190	2 539 351	1 635 185	1 453 487	16 234	-	1 108	3 106 014	7.1	2 014 713.30	6.2
August	170	41	211	2 684 295	1 776 598	1 310 587	17 263	106	11 277	3 115 831	7.2	2 061 080.77	6.3
September	165	26	191	2 435 153	1 729 597	1 297 924	4 112	1 653	324	3 033 610	7.0	1 975 267.85	6.0
October	176	21	197	2 728 410	1 566 759	1 789 411	18 884	8	23 885	3 398 947	7.8	2 186 820.25	6.7
November	206	37	243	3 077 229	1 689 394	1 902 152	-	-	77 986	3 669 532	8.4	2 449 434.99	7.5
December	173	30	203	2 713 193	1 736 367	1 346 824	7 893	-	104 020	3 195 104	7.3	2 103 131.87	6.4
January	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Downbound	1 658	288	1 946	25 497 142	14 800 746	16 044 280	84 327	1 838	241 134	31 172 325	71.6	20 337 571.48	62.2
TOTALS:													
March	14	11	25	365 241	171 984	148 428	-	-	-	320 412	0.7	197 502.99	0.6
April	244	183	427	5 589 625	1 971 813	2 107 625	-	-	287 435	4 368 118	10.0	3 397 092.50	10.4
May	348	218	566	7 379 480	2 643 924	3 045 356	9 967	2 847	421 786	6 123 880	14.1	4 647 041.55	14.2
June	267	179	446	5 807 174	2 829 240	1 642 486	9 974	2 297	329 392	4 813 389	11.1	3 632 547.21	11.1
July	258	124	382	5 100 241	2 695 048	1 465 491	16 234	4 523	350 393	4 531 689	10.4	3 346 074.69	10.2
August	265	149	414	5 285 007	2 914 791	1 310 587	17 263	1 984	312 853	4 557 478	10.5	3 403 559.73	10.4
September	258	140	398	5 061 445	2 852 145	1 297 924	4 112	6 272	357 298	4 517 751	10.4	3 360 400.23	10.3
October	277	131	408	5 640 844	2 872 224	1 795 751	18 884	1 905	372 215	5 060 979	11.6	3 704 204.86	11.3
November	327	166	493	6 344 987	2 869 519	1 902 152	-	1 914	662 511	5 436 699	12.5	4 188 699.67	12.8
December	210	140	350	4 601 275	2 299 101	1 346 824	7 893	503	152 204	3 806 525	8.7	2 820 508.69	8.6
January	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
GRAND TOTAL	2 468	1 441	3 909	51 175 319	24 119 789	16 062 624	84 327	23 490	3 246 087	43 536 317	100.0	32 697 632.12	100.0

TRAFFIC RESULTS
1959-1988

HISTORICAL TABLE 14W

WELLAND CANAL SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL
1959	4 078	3 994	8 072	8 766 100	16 214 644	24 980 744	16 431 297	16 253 019	32 684 316	\$539 551	\$681 885	\$1 221 436
1960	3 802	3 734	7 536	7 595 598	18 939 272	26 534 870	17 827 487	17 700 778	35 528 265	\$530 004	\$788 353	\$1 318 357
1961	3 895	3 852	7 747	6 955 950	21 579 366	28 535 316	20 526 749	20 197 329	40 724 078	\$571 108	\$889 343	\$1 460 451
1962	3 843	3 772	7 615	9 836 922	22 283 136	32 120 058	21 767 377	21 385 156	43 152 533	\$249 675	\$390 518	\$640 193
1963	3 828	3 769	7 597	11 931 721	25 538 163	37 469 884	24 204 537	23 843 127	48 047 664	-	-	-
1964	4 146	4 158	8 304	16 820 427	29 798 445	46 618 872	27 333 030	27 533 536	54 866 566	-	-	-
1965	4 183	4 201	8 384	18 097 086	30 364 883	48 461 969	28 790 195	28 710 105	57 500 300	-	-	-
1966	4 336	4 378	8 714	20 473 738	33 296 611	53 770 349	31 744 958	31 735 164	63 480 122	-	-	-
1967	3 697	3 740	7 437	20 324 823	27 583 070	47 907 893	27 454 783	27 576 227	55 031 010	\$430 135	\$483 140	\$913 275
1968	3 581	3 623	7 204	23 751 472	28 933 020	52 684 492	29 317 614	29 511 720	58 829 334	\$833 385	\$915 780	\$1 749 165
1969	3 426	3 437	6 863	17 580 136	30 983 580	48 563 716	28 840 358	28 798 943	57 639 301	\$1 142 840	\$1 351 235	\$2 494 075
1970	3 557	3 565	7 122	19 207 917	37 910 928	57 118 845	31 447 666	31 410 163	62 857 829	\$1 588 080	\$1 945 325	\$3 533 405
1971	3 425	3 453	6 878	19 591 631	37 613 842	57 205 473	32 237 635	32 286 030	64 523 665	\$1 956 332	\$2 375 270	\$4 331 602
1972	3 390	3 388	6 778	19 160 181	39 075 301	58 235 482	33 249 105	33 087 271	66 336 376	\$1 892 370	\$2 350 235	\$4 242 605
1973	3 411	3 404	6 815	21 513 431	39 444 559	60 957 990	33 004 645	33 265 696	66 270 341	\$1 901 285	\$2 331 170	\$4 232 455
1974	2 580	2 591	5 171	18 279 971	29 220 185	47 500 156	25 554 751	25 538 549	51 093 300	\$1 446 250	\$1 730 438	\$3 176 688
1975	3 010	3 031	6 041	17 137 576	37 156 544	54 294 120	30 715 428	30 829 616	61 545 044	\$1 607 168	\$2 112 850	\$3 720 018
1976	2 928	2 964	5 892	23 285 853	35 082 590	58 368 443	31 001 484	30 982 724	61 984 208	\$1 726 550	\$2 062 858	\$3 789 408
1977	3 080	3 082	6 162	27 366 888	37 710 559	65 077 447	32 816 461	32 909 130	65 725 591	\$1 877 060	\$2 153 878	\$4 030 938
1978	3 310	3 295	6 605	21 257 777	44 413 215	65 670 992	37 128 590	36 870 848	73 999 438	\$6 903 371	\$11 387 936	\$18 291 307
1979	3 267	3 265	6 532	20 286 150	45 878 396	66 164 546	37 413 846	37 406 381	74 820 227	\$7 678 270	\$13 563 360	\$21 241 630
1980	3 287	3 280	6 567	11 986 348	47 619 633	59 605 981	37 615 582	37 629 374	75 244 956	\$6 259 535	\$17 350 353	\$23 609 888
1981	2 979	2 963	5 942	16 601 880	42 248 995	58 850 875	34 350 642	34 188 081	68 538 723	\$7 703 325	\$15 389 304	\$23 092 629
1982	2 578	2 577	5 155	8 824 472	40 199 632	49 024 104	31 824 878	31 728 971	63 553 849	\$7 043 197	\$17 486 035	\$24 529 232
1983	2 356	2 351	4 707	12 305 327	37 839 759	50 145 086	30 442 985	30 112 815	60 555 800	\$10 060 475	\$18 084 140	\$28 144 615
1984	2 369	2 381	4 750	14 079 793	39 837 065	53 916 858	31 561 360	31 673 380	63 234 740	\$10 951 474	\$18 879 025	\$29 830 499
1985	1 908	1 918	3 826	10 887 501	30 964 259	41 851 760	25 154 052	25 156 487	50 310 539	\$8 521 922	\$14 746 841	\$23 268 763
1986	1 989	1 970	3 959	10 224 030	31 388 740	41 612 770	26 292 247	26 191 305	52 483 552	\$9 718 205	\$17 414 086	\$27 132 291
1987	1 972	1 942	3 914	11 430 043	31 294 712	42 724 755	25 866 562	25 827 198	51 693 760	\$10 934 931	\$18 741 282	\$29 676 213
1988	1 963	1 946	3 909	12 363 992	31 172 325	43 536 317	25 678 177	25 497 142	51 175 319	\$12 360 061	\$20 337 571	\$32 697 632
TOTAL	96 174	96 024	192 198	477 924 734	1 001 585 429	1 479 510 163	867 594 481	865 836 265	1 733 430 746	\$116 426 559	\$205 942 211	\$322 368 770

CARGO BY TARIFF CLASSIFICATION
1959-1988

HISTORICAL TABLE 15W

YEAR	WELLAND CANAL SECTION									
	BULK		GRAINS		GOVT AID		CONTAINERS		GENERAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	23 308 292	93.3	-	0.0	-	0.0	-	0.0	1 672 452	6.7
1960	24 818 852	93.5	-	0.0	-	0.0	-	0.0	1 716 018	6.5
1961	26 831 290	94.0	-	0.0	-	0.0	-	0.0	1 704 026	6.0
1962	30 232 066	94.1	-	0.0	-	0.0	-	0.0	1 887 992	5.9
1963	35 259 789	94.1	-	0.0	-	0.0	-	0.0	2 210 095	5.9
1964	43 816 326	94.0	-	0.0	-	0.0	-	0.0	2 802 546	6.0
1965	44 198 339	91.2	-	0.0	-	0.0	-	0.0	4 263 630	8.8
1966	49 457 587	92.0	-	0.0	-	0.0	-	0.0	4 312 762	8.0
1967	43 303 804	90.4	-	0.0	-	0.0	-	0.0	4 604 089	9.6
1968	46 169 258	87.6	-	0.0	-	0.0	-	0.0	6 515 234	12.4
1969	42 951 603	88.4	-	0.0	-	0.0	-	0.0	5 612 113	11.6
1970	51 806 382	90.7	-	0.0	-	0.0	-	0.0	5 312 464	9.3
1971	49 988 093	87.4	-	0.0	-	0.0	-	0.0	7 217 380	12.6
1972	52 047 776	89.4	-	0.0	-	0.0	-	0.0	6 187 705	10.6
1973	56 311 178	92.4	-	0.0	-	0.0	-	0.0	4 646 812	7.6
1974	43 940 811	92.5	-	0.0	-	0.0	-	0.0	3 559 345	7.5
1975	51 542 945	94.9	-	0.0	-	0.0	-	0.0	2 751 175	5.1
1976	54 924 368	94.1	-	0.0	-	0.0	-	0.0	3 444 075	5.9
1977	59 472 129	91.4	-	0.0	-	0.0	-	0.0	5 605 318	8.6
1978	32 538 514	49.5	28 915 882	44.0	128 945	0.2	198 747	0.3	3 888 904	5.9
1979	36 433 937	55.1	26 125 570	39.5	158 887	0.2	186 229	0.3	3 259 923	4.9
1980	29 597 504	49.7	28 144 695	47.2	168 103	0.3	139 942	0.2	1 555 737	2.6
1981	30 284 988	51.5	25 556 622	43.4	242 580	0.4	39 188	0.1	2 727 497	4.6
1982	21 490 570	43.8	25 179 641	51.4	290 707	0.6	53 826	0.1	2 009 360	4.1
1983	22 059 063	44.0	24 804 023	49.5	294 326	0.6	37 356	0.1	2 950 318	5.9
1984	24 972 587	46.3	24 441 099	45.4	229 730	0.4	111 011	0.2	4 162 431	7.7
1985	21 168 333	50.6	17 024 549	40.7	261 476	0.6	79 154	0.2	3 318 248	7.9
1986	21 182 530	50.9	17 015 294	40.9	227 432	0.5	22 966	0.1	3 164 548	7.6
1987	20 427 881	47.8	19 072 346	44.6	210 398	0.5	24 308	0.1	2 989 822	7.0
1988	24 119 789	55.4	16 062 624	36.9	84 327	0.2	23 490	0.1	3 246 087	7.4
TOTAL	1 114 656 584	75.3	252 342 345	17.1	2 296 911	0.1	916 217	0.1	109 298 106	7.4
									1 479 510 163	100.0

TOTAL TOLLS REVENUE
1959-1988

HISTORICAL TABLE 16W

WELLAND CANAL SECTION

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	BULK	GRAINS	GOV'T AID	CONTAINERS	GENERAL	TOTAL				
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1959	496 682	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	89 212	585 894	627 159	NOT APPLICABLE	8 383	1 221 436
1960	526 025	-	-	-	90 925	616 950	683 116	-	18 291	1 318 357
1961	567 548	-	-	-	90 111	657 659	781 044	-	21 748	1 460 451
1962*	-	-	-	-	-	-	-	-	640 193	640 193
1963	NOT APPLICABLE	-	-	-	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	-	NOT APPLICABLE	-
1964	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-
1978	6 265 378	5 744 015	25 789	61 612	1 088 572	13 185 366	5 094 839	NOT APPLICABLE	11 102	18 291 307
1979	8 463 499	6 236 588	38 133	57 731	1 271 265	16 067 216	5 164 336	APPLICABLE	10 078	21 241 630
1980	8 855 902	8 680 252	52 112	43 382	777 792	18 409 440	5 189 574	-	10 874	23 609 888
1981	9 055 811	7 869 628	75 200	12 148	1 360 405	18 373 192	4 707 569	-	11 868	23 092 629
1982	6 600 145	7 761 044	90 119	16 686	1 004 663	15 472 657	4 398 370	-	14 280	24 529 232
1983	6 687 009	7 643 180	91 241	11 580	1 475 130	15 908 140	4 165 373	-	8 061 656	28 144 615
1984	7 549 564	7 524 600	71 216	34 413	2 081 184	17 260 977	4 356 780	-	9 446	29 830 499
1985	6 345 608	5 237 942	81 057	24 538	1 659 124	13 348 269	3 449 541	-	12 054	23 268 763
1986	7 352 177	6 059 164	81 876	8 268	1 835 438	15 336 923	4 116 802	-	11 734	27 132 291
1987	7 682 740	7 361 180	82 055	9 480	1 883 577	17 019 032	4 543 936	-	16 406	29 676 213
1988	9 849 929	6 689 419	35 417	9 866	2 207 339	18 791 970	5 009 609	-	21 862	32 697 632
TOTAL	86 298 017	76 807 012	724 215	289 704	16 914 737	181 033 685	52 288 048	88 211 435	835 602	322 368 770

* TOLLS SUSPENDED 7/62. INDIVIDUAL BREAKOUT NOT AVAILABLE FOR THAT PERIOD.

VESSEL TRANSITS
1959-1988

HISTORICAL TABLE 17W

YEAR		UPBOUND					DOWNBOUND					TOTAL				
		CARGO TONNES		TRANSITS			CARGO TONNES		TRANSITS			CARGO TONNES		TRANSITS		
				LOADED	BALLAST	TOTAL			LOADED	BALLAST	TOTAL			LOADED	BALLAST	TOTAL
1959	8 766 100	2 171	1 907	4 078	16 214 644	3 315	679	3 994	24 980 744	5 486	2 586	8 072				
1960	7 595 598	1 960	1 842	3 802	18 939 272	3 247	487	3 734	26 534 870	5 207	2 329	7 536				
1961	6 955 950	1 842	2 053	3 895	21 579 366	3 364	488	3 852	28 535 316	5 206	2 541	7 747				
1962	9 836 922	2 037	1 806	3 843	22 283 136	3 214	558	3 772	32 120 058	5 251	2 364	7 615				
1963	11 931 721	2 069	1 759	3 828	25 538 163	3 199	570	3 769	37 469 884	5 268	2 329	7 597				
1964	16 820 427	2 441	1 705	4 146	29 798 445	3 629	529	4 158	46 618 872	6 070	2 234	8 304				
1965	18 097 086	2 572	1 611	4 183	30 364 883	3 566	635	4 201	48 461 969	6 138	2 246	8 384				
1966	20 473 738	2 689	1 647	4 336	33 296 611	3 698	680	4 378	53 770 349	6 387	2 327	8 714				
1967	20 324 823	2 488	1 209	3 697	27 583 070	2 985	755	3 740	47 907 893	5 473	1 964	7 437				
1968	23 751 472	2 554	1 027	3 581	28 933 020	2 785	838	3 623	52 684 492	5 339	1 865	7 204				
1969	17 580 136	2 102	1 324	3 426	30 983 580	2 835	602	3 437	48 563 716	4 937	1 926	6 863				
1970	19 207 917	2 070	1 487	3 557	37 910 928	3 072	493	3 565	57 118 845	5 142	1 980	7 122				
1971	19 591 631	2 054	1 371	3 425	37 613 842	2 973	480	3 453	57 205 473	5 027	1 851	6 878				
1972	19 160 181	1 968	1 422	3 390	39 075 301	2 923	465	3 388	58 235 482	4 891	1 887	6 778				
1973	21 513 431	1 962	1 449	3 411	39 444 559	2 856	548	3 404	60 957 990	4 818	1 997	6 815				
1974	18 279 971	1 520	1 060	2 580	29 220 185	2 079	512	2 591	47 500 156	3 599	1 572	5 171				
1975	17 137 576	1 446	1 564	3 010	37 156 544	2 599	432	3 031	54 294 120	4 045	1 996	6 041				
1976	23 285 853	1 736	1 192	2 928	35 082 590	2 513	451	2 964	58 368 443	4 249	1 643	5 892				
1977	27 366 888	2 026	1 054	3 080	37 710 559	2 614	468	3 082	65 077 447	4 640	1 522	6 162				
1978	21 257 777	1 667	1 643	3 310	44 413 215	2 927	368	3 295	65 670 992	4 594	2 011	6 605				
1979	20 266 150	1 487	1 780	3 267	45 878 396	2 915	350	3 265	66 164 546	4 402	2 130	6 532				
1980	11 986 348	917	2 370	3 287	47 619 633	2 992	288	3 280	59 605 981	3 909	2 658	6 567				
1981	16 601 880	1 172	1 807	2 979	42 248 995	2 623	340	2 963	58 850 875	3 795	2 147	5 942				
1982	8 824 472	641	1 937	2 578	40 199 632	2 320	257	2 577	49 024 104	2 961	2 194	5 155				
1983	12 305 327	789	1 567	2 356	37 839 759	2 115	236	2 351	50 145 086	2 904	1 803	4 707				
1984	14 079 793	896	1 473	2 369	39 837 065	2 161	220	2 381	53 916 858	3 057	1 693	4 750				
1985	10 887 501	713	1 195	1 908	30 964 259	1 702	216	1 918	41 851 760	2 415	1 411	3 826				
1986	10 224 030	723	1 266	1 989	31 388 740	1 724	246	1 970	41 612 770	2 447	1 512	3 959				
1987	11 430 043	759	1 213	1 972	31 294 712	1 648	294	1 942	42 724 755	2 407	1 507	3 914				
1988	12 363 992	810	1 153	1 963	31 172 325	1 658	288	1 946	43 536 317	2 468	1 441	3 909				
TOTAL	477 924 734	50 281	45 893	96 174	1 001 585 429	82 251	13 773	96 024	1 479 510 163	132 532	59 666	192 198				

VESSEL ANALYSIS
1959-1988

HISTORICAL TABLE 18W

WELLAND CANAL SECTION												
YEAR	UPBOUND					DOWNBOUND					TOTAL	
	PERCENT OF TOTAL			TONNES/ LOADED TRANSIT	PERCENT LOADED	PERCENT OF TOTAL			TONNES/ LOADED TRANSIT	PERCENT LOADED	TONNES/ LOADED TRANSIT	
	TONNES	TRANSITS	TONNES			TRANSITS						
1959	35.1%	50.5%	53.2%	4 038	64.9%	49.5%	83.0%	4 891	68.0%	4 554		
1960	28.6%	50.5%	51.6%	3 875	71.4%	49.5%	87.0%	5 833	69.1%	5 096		
1961	24.4%	50.3%	47.3%	3 776	75.6%	49.7%	87.3%	6 415	67.2%	5 481		
1962	30.6%	50.5%	53.0%	4 829	69.4%	49.5%	85.2%	6 933	69.0%	6 117		
1963	31.8%	50.4%	54.0%	5 767	68.2%	49.6%	84.9%	7 983	69.3%	7 113		
1964	36.1%	49.9%	58.9%	6 891	63.9%	50.1%	87.3%	8 211	73.1%	7 680		
1965	37.3%	49.9%	61.5%	7 036	62.7%	50.1%	84.9%	8 515	73.2%	7 895		
1966	38.1%	49.8%	62.0%	7 614	61.9%	50.2%	84.5%	9 004	73.3%	8 419		
1967	42.4%	49.7%	67.3%	8 169	57.6%	50.3%	79.8%	9 241	73.6%	8 753		
1968	45.1%	49.7%	71.3%	9 300	54.9%	50.3%	76.9%	10 389	74.1%	9 868		
1969	36.2%	49.9%	61.4%	8 364	63.8%	50.1%	82.5%	10 929	71.5%	9 837		
1970	33.6%	49.9%	58.2%	9 279	66.4%	50.1%	86.2%	12 341	72.2%	11 108		
1971	34.2%	49.8%	60.0%	9 538	65.8%	50.2%	86.1%	12 652	73.1%	11 380		
1972	32.9%	50.0%	58.1%	9 736	67.1%	50.0%	86.3%	13 368	72.2%	11 907		
1973	35.3%	50.1%	57.5%	10 965	64.7%	49.9%	83.9%	13 811	70.7%	12 652		
1974	38.5%	49.9%	58.9%	12 026	61.5%	50.1%	80.2%	14 055	69.6%	13 198		
1975	31.6%	49.8%	48.0%	11 852	68.4%	50.2%	85.7%	14 296	67.0%	13 423		
1976	39.9%	49.7%	59.3%	13 414	60.1%	50.3%	84.8%	13 960	72.1%	13 737		
1977	42.1%	50.0%	65.8%	13 508	57.9%	50.0%	84.8%	14 426	75.3%	14 025		
1978	32.4%	50.1%	50.4%	12 752	67.6%	49.9%	88.8%	15 174	69.6%	14 295		
1979	30.7%	50.0%	45.5%	13 642	69.3%	50.0%	89.3%	15 739	67.4%	15 031		
1980	20.1%	50.1%	27.9%	13 071	79.9%	49.9%	91.2%	15 916	59.5%	15 248		
1981	28.2%	50.1%	39.3%	14 165	71.8%	49.9%	88.5%	16 107	63.9%	15 507		
1982	18.0%	50.0%	24.9%	13 767	82.0%	50.0%	90.0%	17 327	57.4%	16 557		
1983	24.5%	50.1%	33.5%	15 596	75.5%	49.9%	90.0%	17 891	61.7%	17 268		
1984	26.1%	49.4%	37.8%	15 714	73.9%	50.1%	90.8%	18 434	64.4%	17 637		
1985	26.0%	49.9%	37.4%	15 270	74.0%	50.1%	88.7%	18 192	63.1%	17 330		
1986	24.6%	50.2%	36.3%	14 141	75.4%	49.8%	87.5%	18 207	61.8%	17 006		
1987	26.8%	50.4%	38.5%	15 059	73.2%	49.6%	84.9%	18 990	61.5%	17 750		
1988	28.4%	50.2%	41.3%	15 264	71.6%	49.8%	85.2%	18 801	63.1%	17 640		
TOTAL	32.3%	50.0%	52.3%	9 505	67.7%	50.0%	85.7%	12 177	69.0%	11 163		

CARGO BY TRANSIT AND VESSEL
1959-1988

HISTORICAL TABLE 19W

YEAR	TYPE OF TRANSIT						CLASS OF VESSEL						TYPE OF VESSEL											
	OVERSEAS			INLAND			COASTAL			OCEAN			LAKER			CARGO			TANKER			TUG AND BARGE		
	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	
1959	4 716 431	18.9		20 264 314	81.1		-	0.0		4 716 431	18.9		20 264 314	81.1		22 784 700	91.2		1 614 268	6.5		581 776	2.2	
1960	5 711 334	21.5		20 823 537	78.5		-	0.0		5 711 334	21.5		20 823 537	78.5		24 101 979	90.8		1 807 582	6.8		625 310	2.4	
1961	5 633 130	19.7		22 902 186	80.3		-	0.0		5 633 130	19.7		22 902 186	80.3		26 120 118	91.5		1 899 307	6.7		515 891	1.8	
1962	6 809 791	21.2		25 310 267	78.8		-	0.0		6 809 791	21.2		25 310 267	78.8		30 102 465	93.7		1 489 980	4.6		527 613	1.6	
1963	5 893 984	15.7		31 575 900	84.3		-	0.0		5 893 984	15.7		31 575 900	84.3		35 497 909	94.7		1 510 280	4.0		461 695	1.2	
1964	7 869 220	16.9		38 749 651	83.1		-	0.0		7 869 220	16.9		38 749 651	83.1		44 263 061	94.9		1 848 564	4.0		507 247	1.1	
1965	10 430 874	21.5		38 031 095	78.5		-	0.0		10 430 874	21.5		38 031 095	78.5		45 877 665	94.7		2 113 993	4.4		470 311	1.0	
1966	11 106 387	20.7		42 663 961	79.3		-	0.0		11 106 387	20.7		42 663 961	79.3		51 251 837	95.3		2 042 769	3.8		475 742	0.9	
1967	10 206 709	21.3		36 722 365	76.7		978 819	2.0		11 185 528	23.3		36 722 365	76.7		45 604 389	95.2		1 834 558	3.8		468 946	1.0	
1968	12 145 073	23.1		39 704 460	75.4		834 959	1.6		12 980 032	24.6		39 704 460	75.4		50 266 461	95.4		1 975 163	3.7		442 868	0.8	
1969	11 424 450	23.5		36 289 594	74.7		849 672	1.7		12 274 122	25.3		36 289 594	74.7		46 043 263	94.8		2 084 769	4.3		435 684	0.9	
1970	11 215 807	19.6		45 297 681	79.3		605 358	1.1		11 821 165	20.7		45 297 681	79.3		54 661 010	95.7		2 095 329	3.7		362 506	0.6	
1971	16 071 100	28.1		40 587 364	71.0		547 009	1.0		16 618 109	29.0		40 587 364	71.0		55 016 617	96.2		1 919 788	3.4		269 067	0.5	
1972	16 265 373	27.9		41 519 999	71.3		450 110	0.8		16 715 483	28.7		41 519 999	71.3		55 839 377	95.9		2 129 298	3.7		266 807	0.5	
1973	14 821 168	24.3		45 596 613	74.8		540 209	0.9		15 361 377	25.2		45 596 613	74.8		57 845 484	94.9		2 586 232	4.2		526 273	0.9	
1974	9 579 364	20.2		37 504 781	79.0		416 011	0.9		9 995 375	21.0		37 504 781	79.0		45 260 448	95.3		2 023 841	4.3		215 867	0.5	
1975	10 195 339	18.8		43 626 157	80.4		472 625	0.9		10 667 964	19.6		43 626 157	80.4		52 331 076	96.4		1 715 279	3.2		247 766	0.5	
1976	11 900 185	20.4		46 104 184	79.0		364 074	0.6		12 264 259	21.0		46 104 184	79.0		56 689 147	97.1		1 590 546	2.7		88 750	0.2	
1977	16 453 343	25.3		47 941 573	73.7		682 531	1.0		17 135 874	26.3		47 941 573	73.7		63 155 547	97.0		1 749 201	2.7		172 699	0.3	
1978	19 767 779	30.1		45 111 141	68.7		792 072	1.2		20 559 851	31.3		45 111 141	68.7		63 569 887	96.8		1 947 963	3.0		153 142	0.2	
1979	17 195 572	26.0		48 352 869	73.1		616 105	0.9		17 811 677	26.9		48 352 869	73.1		63 262 111	95.6		2 669 488	4.0		232 947	0.4	
1980	11 907 352	20.0		47 087 307	79.0		611 322	1.0		12 518 674	21.0		47 087 307	79.0		56 555 170	94.9		2 457 562	4.1		593 249	1.0	
1981	11 824 326	20.1		46 588 822	79.2		437 727	0.7		12 262 053	20.8		46 588 822	79.2		55 630 318	94.5		2 638 941	4.5		581 616	1.0	
1982	10 833 216	22.1		37 589 468	76.7		601 420	1.2		11 434 636	23.3		37 589 468	76.7		46 559 832	95.0		2 173 056	4.4		291 216	0.6	
1983	11 465 368	22.9		38 187 526	76.2		492 192	1.0		11 957 560	23.8		38 187 526	76.2		48 149 049	96.0		1 970 839	3.9		25 198	0.1	
1984	13 472 531	25.0		40 049 965	74.3		394 362	0.7		13 866 893	25.7		40 049 965	74.3		52 216 687	96.8		1 594 761	3.0		105 410	0.2	
1985	10 734 244	25.6		30 365 838	72.6		751 678	1.8		11 485 922	27.4		30 365 838	72.6		40 119 552	95.9		1 585 436	3.8		146 772	0.4	
1986	11 317 039	27.2		29 572 588	71.1		723 143	1.7		12 040 182	28.9		29 572 588	71.1		39 733 850	95.5		1 838 199	4.4		40 721	0.1	
1987	10 734 325	25.1		31 288 601	73.2		701 829	1.6		11 436 154	26.8		31 288 601	73.2		41 089 218	96.2		1 519 798	3.6		115 739	0.3	
1988	10 909 606	25.0		32 163 998	73.9		462 713	1.1		11 372 319	26.1		32 163 998	73.9		41 489 242	95.3		1 853 027	4.3		194 048	0.4	
TOTAL	338 610 420	22.9		1 127 573 803	76.2		13 325 940	0.9		351 936 360	23.8		1 127 573 803	76.2		1 411 087 470	95.4		58 279 818	3.9		10 142 875	0.7	

TRAFFIC BY VESSEL LENGTH
1959-1988

HISTORICAL TABLE 20W

YEAR	TRANSITS										CARGO TONNES										WELLAND CANAL SECTION	
	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL						
	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL						
1959	711	3 682	934	1 406	649	577	113	8 072	51 990	6 172 913	2 306 180	4 790 578	4 015 972	6 259 579	1 383 533	24 980 744						
1960	345	3 019	1 121	1 382	867	612	190	7 536	49 501	4 645 364	2 630 191	5 024 448	5 363 955	6 184 772	2 636 641	26 534 872						
1961	288	2 576	1 143	1 839	956	579	366	7 747	46 601	3 983 566	2 751 914	6 185 352	5 165 355	5 589 105	4 813 423	28 535 316						
1962	358	2 107	1 141	1 930	934	701	444	7 615	57 458	3 401 237	2 733 131	6 803 130	5 414 798	6 948 959	6 761 346	32 120 058						
1963	560	1 649	1 078	1 846	973	770	721	7 597	208 680	2 829 563	2 500 026	6 563 239	5 840 911	8 774 186	10 753 279	37 469 884						
1964	407	1 581	1 143	2 040	1 440	996	697	8 304	45 406	2 788 139	2 752 284	7 433 674	9 281 665	11 590 219	12 727 486	46 618 872						
1965	471	1 402	1 279	1 928	1 592	903	809	8 384	46 246	2 580 863	3 088 751	7 450 401	10 946 149	10 551 642	13 797 917	48 461 969						
1966	461	1 254	1 335	1 895	1 821	992	956	8 714	42 669	2 394 304	3 101 446	7 069 439	12 797 091	11 438 314	16 927 084	53 770 349						
1967	383	1 016	1 266	1 417	1 384	836	1 135	7 437	77 344	1 902 997	2 891 977	5 232 742	9 886 840	9 477 554	18 438 439	47 907 892						
1968	366	967	945	1 293	1 379	886	1 368	7 204	43 274	1 777 662	2 497 377	5 063 966	11 192 457	10 138 507	21 971 250	52 684 492						
1969	382	919	964	1 256	1 207	618	1 517	6 863	48 482	1 513 154	2 512 046	4 520 705	9 577 066	7 108 759	23 283 503	48 563 716						
1970	297	807	984	1 197	1 322	774	1 741	7 122	24 409	1 451 450	2 628 450	4 447 406	10 849 694	9 497 798	28 219 638	57 118 845						
1971	279	533	934	1 205	1 514	872	1 541	6 878	25 547	909 389	2 533 881	5 326 786	12 868 931	10 137 427	25 603 510	57 205 472						
1972	245	543	824	1 084	1 588	907	1 587	6 778	22 502	895 819	2 415 212	4 790 889	13 595 716	10 505 001	26 016 343	58 235 482						
1973	293	521	957	988	1 417	1 000	1 639	6 815	16 284	867 270	3 058 219	4 897 568	12 053 480	12 120 458	27 944 709	60 957 989						
1974	286	325	657	642	1 022	886	1 353	5 171	32 455	517 717	1 908 773	2 852 505	8 860 628	10 913 334	22 414 744	47 500 156						
1975	344	323	669	776	1 251	989	1 689	6 041	34 105	430 060	1 879 308	3 008 164	9 891 618	11 731 162	27 319 704	54 294 121						
1976	283	181	677	557	1 299	1 143	1 652	5 892	8 309	236 753	1 939 812	2 517 601	11 416 581	13 953 803	28 295 584	58 368 443						
1977	255	315	722	662	1 692	1 032	1 484	6 162	25 287	430 172	2 234 580	2 908 353	18 001 653	14 408 867	27 068 534	65 077 447						
1978	213	358	678	814	1 874	990	1 678	6 605	2 454	431 520	2 222 638	4 119 710	18 195 445	12 618 924	28 080 301	65 670 992						
1979	210	298	661	899	1 630	939	1 895	6 532	3 873	355 653	2 213 605	4 369 083	15 736 352	12 555 401	30 930 579	66 164 546						
1980	225	372	575	830	1 627	876	2 062	6 567	2 457	466 627	1 976 550	3 981 466	12 640 688	8 964 849	31 573 344	59 605 981						
1981	235	288	516	733	1 384	886	1 900	5 942	2 060	336 502	1 766 390	3 872 378	11 759 575	10 273 600	30 820 370	58 850 875						
1982	209	157	407	611	1 159	689	1 923	5 155	7 625	142 270	1 307 702	3 108 047	8 720 523	7 443 240	28 294 697	49 024 104						
1983	155	102	445	485	962	555	2 003	4 707	1 956	103 255	1 548 961	2 660 463	8 245 090	6 528 174	31 057 187	50 145 086						
1984	182	66	417	464	907	516	2 198	4 750	1 515	98 655	1 522 345	2 806 669	9 225 301	6 097 806	34 164 567	53 916 858						
1985	192	49	365	384	698	425	1 713	3 826	2 450	53 927	1 398 000	1 969 805	7 088 275	4 736 334	26 602 969	41 851 760						
1986	235	46	321	467	702	465	1 723	3 959	1 320	29 463	1 154 762	2 245 600	7 093 207	5 290 721	25 797 697	41 612 770						
1987	271	45	348	412	604	443	1 791	3 914	3 790	60 077	1 211 387	2 098 890	6 338 718	5 017 749	27 994 144	42 724 755						
1988	230	84	349	450	592	398	1 806	3 909	1 554	152 510	1 269 612	2 257 169	6 117 728	4 889 791	28 847 953	43 536 317						
TOTAL	9 371	25 585	23 855	31 992	36 446	23 255	41 694	192 198	937 602	41 958 849	65 975 510	130 376 227	297 981 463	271 746 036	670 534 476	1 479 510 163						

COMMODITY GROUPS
1959-1988

HISTORICAL TABLE 21W

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	7 999 437	32.0	168 704	0.7	12 140 924	48.6	321 328	1.3	4 008 826	16.0	341 526	1.4	24 980 745	100.0
1960	8 810 089	33.2	183 133	0.7	12 733 150	48.0	262 127	1.0	4 158 376	15.7	387 995	1.5	26 534 870	100.0
1961	11 004 608	38.6	229 561	0.8	11 535 291	40.4	239 571	0.8	5 105 856	17.9	420 429	1.5	28 535 316	100.0
1962	11 384 590	35.4	249 247	0.8	15 564 673	48.5	255 819	0.8	4 215 876	13.1	449 853	1.4	32 120 058	100.0
1963	13 737 812	36.7	335 632	0.9	18 108 572	48.3	276 410	0.7	4 659 214	12.4	352 243	0.9	37 469 883	100.0
1964	16 709 297	35.8	450 188	1.0	23 326 827	50.0	290 692	0.6	5 402 094	11.6	439 774	0.9	46 618 872	100.0
1965	16 762 027	34.6	347 339	0.7	23 636 219	48.8	213 050	0.4	7 063 160	14.6	440 173	0.9	48 461 968	100.0
1966	19 366 507	36.0	311 114	0.6	26 105 912	48.6	280 526	0.5	7 315 402	13.6	390 887	0.7	53 770 348	100.0
1967	13 633 467	28.5	320 144	0.7	25 922 502	54.1	279 526	0.6	7 495 611	15.6	256 643	0.5	47 907 893	100.0
1968	13 140 856	24.9	295 267	0.6	28 995 223	55.0	271 765	0.5	9 591 986	18.2	389 395	0.7	52 684 492	100.0
1969	12 516 925	25.8	284 132	0.5	25 369 456	52.2	219 620	0.5	9 767 893	20.1	405 690	0.8	48 563 716	100.0
1970	19 203 435	33.6	312 474	0.5	27 682 564	48.5	177 662	0.3	9 361 000	16.4	381 710	0.7	57 118 845	106.0
1971	21 611 142	37.8	361 486	0.6	24 355 750	42.6	226 271	0.4	10 230 138	17.9	420 686	0.7	57 205 473	100.0
1972	22 221 385	38.2	272 649	0.5	25 370 316	43.6	198 742	0.3	9 938 311	17.1	234 078	0.4	58 235 481	100.0
1973	23 154 377	38.0	249 655	0.4	27 498 737	45.1	122 915	0.2	9 743 800	16.0	188 506	0.3	60 957 990	100.0
1974	15 946 079	33.6	215 025	0.5	24 397 462	51.4	62 906	0.1	6 701 537	14.1	177 148	0.4	47 500 157	100.0
1975	20 782 433	38.3	124 822	0.2	26 903 227	49.6	68 273	0.1	6 135 683	11.3	279 683	0.5	54 294 121	100.0
1976	19 660 018	33.7	220 771	0.4	31 660 584	54.2	28 296	0.0	6 542 331	11.2	256 444	0.4	58 368 444	100.0
1977	22 962 230	35.3	203 229	0.3	32 560 082	50.0	47 444	0.1	9 069 285	13.9	235 177	0.4	65 077 447	100.0
1978	29 012 903	44.2	151 980	0.2	27 548 104	41.9	71 844	0.1	8 633 793	13.1	252 368	0.4	65 670 992	100.0
1979	26 280 395	39.7	129 700	0.2	29 895 591	45.2	66 073	0.1	9 542 655	14.4	250 132	0.4	66 164 546	100.0
1980	28 256 940	47.4	153 243	0.3	24 017 599	40.3	35 636	0.1	6 875 433	11.5	267 130	0.4	59 605 981	100.0
1981	25 746 229	43.7	152 928	0.3	25 358 357	43.1	29 424	0.0	7 331 337	12.5	232 600	0.4	58 850 875	100.0
1982	25 403 722	51.8	98 017	0.2	17 354 606	35.4	19 708	0.0	6 148 051	12.5	-	0.0	49 024 104	100.0
1983	24 969 488	49.8	60 119	0.1	18 094 828	36.1	15 555	0.0	7 005 096	14.0	-	0.0	50 145 086	100.0
1984	24 566 628	45.6	48 805	0.1	21 170 213	39.2	63 079	0.1	8 068 133	15.0	-	0.0	53 916 858	100.0
1985	17 135 063	40.9	52 827	0.1	17 125 276	40.9	31 751	0.1	7 506 843	17.9	-	0.0	41 851 760	100.0
1986	17 117 350	41.1	32 222	0.1	16 767 409	40.3	2 114	0.0	7 693 675	18.5	-	0.0	41 612 770	100.0
1987	19 167 314	44.9	19 899	0.1	16 508 988	38.6	3 785	0.0	7 024 769	16.4	-	0.0	42 724 755	100.0
1988	16 138 054	37.1	37 693	0.1	20 092 455	46.2	20 842	0.0	7 247 273	16.6	-	0.0	43 536 317	100.0
TOTAL	564 400 800	38.2	6 072 005	0.4	677 900 897	45.8	4 202 754	0.3	219 583 437	14.8	7 450 270	0.5	1 479 510 163	100.0

SELECTED U.S. GRAINS
1959-1988

HISTORICAL TABLE 22W

WHEAT			CORN			RYE			OATS			BARLEY			SOYBEANS			FLAXSEED			SUNFLOWER SEED			TOTAL GRAINS		
YEAR	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	500 995	2.0	1 005 475	4.0	24 709	0.1	414 367	1.7	545 342	2.2	476 250	1.9	176 174	0.7	-	0.0	3 143 312	12.6								
1960	708 730	2.7	1 179 312	4.4	77 113	0.3	292 636	1.1	527 659	2.0	831 555	3.1	80 546	0.3	-	0.0	3 697 551	13.9								
1961	1 212 859	4.3	1 639 656	5.7	63 469	0.2	93 306	0.3	268 652	0.9	684 336	2.4	77 919	0.3	-	0.0	4 040 197	14.2								
1962	835 930	2.6	2 256 378	7.6	247 325	0.8	390 948	1.2	653 913	2.0	984 089	3.1	100 008	0.3	-	0.0	5 468 591	17.0								
1963	1 295 850	3.5	2 628 622	7.0	211 086	0.6	86 811	0.2	552 361	1.5	926 918	2.5	85 171	0.2	-	0.0	5 786 820	15.4								
1964	812 976	1.7	3 094 063	6.6	71 024	0.2	54 866	0.1	707 295	1.5	1 288 672	2.3	144 532	0.3	-	0.0	6 173 428	13.2								
1965	1 111 562	2.3	3 490 078	7.2	34 533	0.1	314 753	0.6	679 480	1.4	1 525 303	3.1	73 143	0.2	-	0.0	7 228 852	14.9								
1966	1 614 980	3.0	3 279 749	6.1	93 926	0.2	369 598	0.7	540 456	1.0	1 451 408	2.7	143 134	0.3	-	0.0	7 493 252	13.9								
1967	1 150 460	2.4	2 078 406	4.3	45 839	0.1	100 435	0.2	341 078	0.7	1 182 820	2.5	146 391	0.3	-	0.0	5 045 429	10.5								
1968	1 536 422	2.9	3 046 469	5.8	39 251	0.1	37 112	0.1	146 427	0.3	1 474 138	2.8	199 074	0.4	-	0.0	6 478 892	12.3								
1969	1 238 480	2.6	3 212 055	6.6	24 275	0.0	2 185	0.0	89 807	0.2	1 803 746	3.7	181 402	0.4	-	0.0	6 551 951	13.5								
1970	1 556 008	2.7	2 624 246	4.6	864	0.0	203 140	0.4	1 071 347	1.9	2 636 995	4.6	58 710	0.1	-	0.0	8 151 310	14.3								
1971	1 435 627	2.5	3 022 373	5.3	124 290	0.2	36 782	0.1	451 185	0.8	2 937 056	5.1	26 088	0.0	-	0.0	8 033 400	14.0								
1972	2 219 093	3.8	3 370 984	5.8	3 907	0.0	93 396	0.2	916 693	1.6	1 733 016	3.0	259 647	0.4	-	0.0	8 596 735	14.8								
1973	3 500 574	5.7	3 737 030	6.1	593 084	1.0	629 029	1.0	1 230 132	2.0	1 732 944	2.8	5 498	0.0	-	0.0	11 428 293	18.7								
1974	1 654 258	3.5	2 702 182	5.7	242 167	0.5	335 765	0.7	342 131	0.7	1 260 124	2.7	100	0.0	-	0.0	6 536 727	13.8								
1975	3 576 444	6.6	2 817 664	5.2	3 627	0.0	131 648	0.2	180 361	0.3	1 519 891	2.8	16 803	0.0	-	0.0	8 246 438	15.2								
1976	1 588 121	2.7	3 937 714	6.7	3 289	0.0	126 465	0.2	632 981	1.1	1 449 554	2.5	5 742	0.0	-	0.0	7 743 867	13.3								
1977	2 969 880	4.6	3 609 062	5.5	-	0.0	125 110	0.2	959 744	1.5	1 688 209	2.6	25 456	0.0	-	0.0	9 377 461	14.4								
1978	5 537 514	8.4	5 991 648	9.1	-	0.0	126 331	0.2	287 112	0.4	2 523 762	3.8	11 965	0.0	-	0.0	14 478 332	22.0								
1979	4 086 898	6.2	7 267 294	11.0	60 066	0.1	3 698	0.0	316 286	0.5	1 673 725	2.5	-	0.0	-	0.0	13 407 967	20.3								
1980	3 645 127	6.1	5 908 633	9.9	137 520	0.2	36 590	0.1	737 423	1.2	1 589 578	2.7	2 215	0.0	1 205 564	2.0	13 262 650	22.3								
1981	3 556 271	6.0	3 875 071	6.6	47 253	0.1	27 711	0.0	852 372	1.4	1 749 653	3.0	13 227	0.0	1 301 072	2.2	11 422 630	19.4								
1982	2 856 250	5.8	3 049 131	6.2	9 670	0.0	7 057	0.0	371 819	0.8	1 255 533	2.6	14 291	0.0	1 140 147	2.3	8 703 898	17.8								
1983	2 824 695	5.6	2 172 662	4.3	23 370	0.0	950	0.0	861 061	1.7	420 768	0.8	1 025	0.0	643 709	1.3	6 948 240	13.9								
1984	3 145 207	5.8	2 387 026	4.4	8 401	0.0	3 052	0.0	631 537	1.2	1 016 969	1.9	5 180	0.0	755 960	1.4	7 953 332	14.8								
1985	1 958 906	4.7	2 070 840	4.9	-	0.0	-	0.0	170 277	0.4	747 406	1.8	-	0.0	378 552	0.9	5 325 981	12.7								
1986	2 371 464	5.7	737 885	1.8	5 500	0.0	-	0.0	332 051	0.8	1 116 132	2.7	31 504	0.1	193 957	0.5	4 786 493	11.5								
1987	1 715 846	4.0	1 799 109	4.2	5 207	0.0	14 251	0.0	464 631	1.1	1 125 750	2.6	-	0.0	131 637	0.3	5 256 431	12.3								
1988	2 070 330	4.8	2 160 297	5.0	10 410	0.0	-	0.0	599 748	1.4	634 087	1.5	-	0.0	14 106	0.0	5 516 978	12.7								
TOTAL	64 287 756	4.3	90 179 114	6.1	2 211 176	0.1	4 057 992	0.3	16 461 361	1.1	41 440 389	2.8	1 884 946	0.1	5 764 704	0.4	226 287 438	15.3								

SELECTED CANADIAN GRAINS
1959-1988

HISTORICAL TABLE 23W

YEAR	WHEAT			CORN			RYE			OATS			BARLEY			SOYBEANS			FLAXSEED			SUNFLOWER SEEDS			TOTAL GRAINS		
	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%	TONNES	%	%
1959	3 052 481	12.2		24 563	0.1		3 369	0.0		327 687	1.3		698 005	2.8		67 233	0.3		154 222	0.6		-	-		4 327 560	17.3	
1960	3 364 993	12.7		32 078	0.1		10 147	0.0		214 487	0.8		763 708	2.9		62 913	0.2		217 404	0.8		-	-		4 665 730	17.6	
1961	5 335 203	18.7		12 888	0.0		74 403	0.3		219 199	0.8		546 700	1.9		73 346	0.3		197 088	0.7		-	-		6 458 827	22.6	
1962	3 975 018	12.4		25 399	0.1		115 164	0.4		255 643	0.8		519 692	1.6		47 624	0.1		202 588	0.6		-	-		5 145 128	16.0	
1963	5 731 909	15.3		12 422	0.0		74 112	0.2		458 664	1.2		678 925	1.8		27 505	0.1		183 045	0.5		-	-		7 166 582	19.1	
1964	8 084 560	17.3		18 354	0.0		68 230	0.1		376 868	0.8		624 041	1.3		16 645	0.0		241 945	0.5		-	-		9 430 644	20.2	
1965	6 846 55	14.1		33 350	0.1		43 187	0.1		536 100	1.1		708 379	1.5		56 468	0.1		271 343	0.6		-	-		8 495 378	17.5	
1966	9 003 989	16.7		19 927	0.0		124 845	0.2		358 176	0.7		792 061	1.5		44 186	0.1		343 131	0.6		-	-		10 686 316	19.9	
1967	5 489 008	11.5		2 824	0.0		93 722	0.2		352 118	0.7		1 097 249	2.3		70 983	0.1		245 114	0.5		-	-		7 351 028	15.3	
1968	4 667 740	8.9		50 955	0.1		54 643	0.1		234 842	0.4		499 431	0.9		52 953	0.1		121 357	0.2		-	-		5 681 921	10.8	
1969	3 618 458	7.5		56 530	0.1		41 762	0.1		242 160	0.5		783 804	1.6		47 266	0.1		214 087	0.4		-	-		5 004 067	10.3	
1970	6 338 182	11.1		133 504	0.2		48 944	0.1		325 644	0.6		2 763 256	4.8		47 301	0.1		308 495	0.5		-	-		9 965 327	17.4	
1971	7 442 294	13.0		182 777	0.3		109 676	0.2		339 427	0.6		3 332 398	5.8		54 183	0.1		418 193	0.7		-	-		11 878 947	20.8	
1972	7 787 568	13.4		105 636	0.2		94 687	0.2		320 082	0.5		3 156 128	5.4		49 490	0.1		344 229	0.6		-	-		11 857 821	20.4	
1973	7 287 969	12.0		58 277	0.1		69 464	0.1		225 559	0.4		2 083 703	3.4		51 924	0.1		280 167	0.5		-	-		10 057 062	16.5	
1974	6 731 579	14.2		31 439	0.1		48 841	0.1		119 777	0.3		1 359 424	2.9		31 456	0.1		201 341	0.4		-	-		8 523 857	17.9	
1975	8 296 470	15.3		307 147	0.6		227 374	0.4		318 006	0.6		2 165 025	4.0		38 489	0.1		121 662	0.2		-	-		11 474 174	21.1	
1976	7 098 406	12.2		347 485	0.6		107 803	0.2		534 489	0.9		2 486 503	4.3		37 979	0.1		137 342	0.2		-	-		10 750 008	18.4	
1977	8 900 362	13.7		478 897	0.7		70 291	0.1		440 478	0.7		2 021 235	3.1		26 899	0.0		236 179	0.4		-	-		12 174 342	18.7	
1978	8 928 112	13.6		661 875	1.0		83 647	0.1		180 776	0.3		2 356 594	3.6		51 681	0.1		266 264	0.4		-	-		12 528 949	19.1	
1979	6 453 849	9.8		192 457	0.3		142 917	0.2		151 605	0.2		3 092 568	4.7		40 478	0.1		326 338	0.5		-	-		10 400 212	15.7	
1980	10 649 783	17.9		864 716	1.5		365 406	0.6		277 900	0.5		1 528 904	2.6		78 398	0.1		250 637	0.4		-	-		14 094 749	23.6	
1981	9 009 025	15.3		1 197 690	2.0		351 553	0.6		140 990	0.2		2 332 340	4.0		11 697	0.0		266 766	0.5		-	-		13 368 063	22.7	
1982	11 398 883	23.3		854 334	1.7		259 610	0.5		145 304	0.3		2 945 237	6.0		69 767	0.1		249 093	0.5		-	-		15 924 759	32.5	
1983	12 656 291	25.2		812 484	1.6		109 287	0.2		81 558	0.2		3 015 068	6.0		58 184	0.1		359 750	0.7		-	-		17 092 622	34.1	
1984	13 124 885	24.3		571 202	1.1		7 257	0.0		61 304	0.1		1 864 689	3.5		84 302	0.2		227 519	0.4		-	-		15 948 214	29.6	
1985	9 720 211	23.2		557 673	1.3		4 350	0.0		35 598	0.1		571 414	1.4		96 921	0.2		339 500	0.8		-	-		11 325 667	27.0	
1986	9 067 032	21.8		386 885	0.9		32 164	0.1		68 198	0.2		1 650 639	4.0		153 573	0.4		370 568	0.9		-	-		11 729 059	28.2	
1987	11 085 376	25.9		461 804	1.1		28 893	0.1		95 712	0.2		1 008 599	2.4		148 263	0.3		374 843	0.9		-	-		13 203 490	30.9	
1988	8 709 022	20.0		248 048	0.6		5 900	0.0		35 889	0.1		528 954	1.2		130 319	0.3		258 288	0.6		-	-		9 916 420	22.8	
TOTAL	229 855 210	15.5		8 743 632	0.6		2 871 649	0.2		7 478 240	0.5		47 974 675	3.2		1 828 424	0.1		7 728 499	0.5		-	-		306 626 943	20.7	

WELLAND CANAL SECTION

SELECTED MINING COMMODITIES
1959-1988

HISTORICAL TABLE 24W

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	4 393 495	17.6	47 685	0.2	6 273 466	25.1	36 051	0.1	90 338	0.4	657 439	2.6	123 676	0.5	73 697	0.3	445 077	1.8
1960	3 988 786	15.0	93 693	0.4	7 127 278	26.9	47 566	0.2	84 575	0.3	825 900	3.1	144 429	0.5	57 014	0.2	363 909	1.4
1961	3 952 358	13.9	143 418	0.5	6 052 849	21.2	66 312	0.2	75 702	0.3	617 811	2.2	191 033	0.7	76 620	0.3	359 189	1.3
1962	4 400 776	13.7	197 771	0.6	9 313 711	29.0	74 940	0.2	106 865	0.3	951 708	3.0	235 666	0.7	59 408	0.2	223 831	0.7
1963	4 571 587	12.2	223 861	0.6	11 572 028	30.9	123 248	0.3	124 216	0.3	890 963	2.4	295 909	0.8	67 554	0.2	239 206	0.6
1964	5 708 589	12.2	231 945	0.5	15 268 481	32.8	128 843	0.3	113 321	0.2	917 628	2.0	308 867	0.7	71 010	0.2	578 142	1.2
1965	6 514 958	13.4	188 384	0.4	14 636 925	30.2	159 466	0.3	146 344	0.3	793 598	1.6	566 073	1.2	-	0.0	630 471	1.3
1966	6 951 322	12.9	215 646	0.4	16 016 776	29.8	167 161	0.3	137 933	0.3	1 285 312	2.4	694 269	1.3	-	0.0	637 493	1.2
1967	7 883 467	16.5	235 822	0.5	15 001 988	31.3	186 582	0.4	20 699	0.0	1 025 522	2.1	794 122	1.7	21 882	0.0	752 418	1.6
1968	8 885 333	16.9	314 821	0.6	16 559 190	31.4	223 036	0.4	65 403	0.1	1 337 867	2.5	939 264	1.8	-	0.0	670 310	1.3
1969	9 789 435	20.2	279 143	0.6	12 257 905	25.2	220 890	0.5	96 074	0.2	1 358 824	2.5	740 730	1.5	-	0.0	789 455	1.6
1970	9 762 611	17.1	417 710	0.7	14 597 689	25.6	281 217	0.5	115 982	0.2	891 271	1.6	982 450	1.7	-	0.0	633 705	1.1
1971	8 386 062	14.7	453 063	0.8	12 332 418	21.6	288 928	0.5	227 916	0.4	855 599	1.5	1 077 595	1.9	-	0.0	734 170	1.3
1972	9 031 057	15.5	527 918	0.9	12 457 540	21.4	143 742	0.2	119 318	0.2	1 006 819	1.7	1 472 442	2.5	-	0.0	611 480	1.1
1973	7 383 928	12.1	591 467	1.0	15 588 483	25.6	196 070	0.3	34 846	0.1	1 293 970	2.1	1 387 836	2.3	-	0.0	1 022 137	1.7
1974	5 882 132	12.4	445 024	0.9	13 529 443	28.5	263 855	0.6	115 504	0.2	1 307 181	2.8	1 405 854	3.0	76 722	0.2	1 371 748	2.9
1975	7 700 819	14.2	802 834	1.5	14 940 372	27.5	172 852	0.3	269 173	0.5	1 072 232	2.0	1 356 108	2.5	31 576	0.1	557 260	1.0
1976	6 743 696	11.6	1 746 942	3.0	19 549 492	33.5	250 932	0.4	294 387	0.5	996 977	1.7	1 507 482	2.6	43 742	0.1	526 934	0.9
1977	6 734 179	10.3	2 101 541	3.2	19 926 554	30.6	333 665	0.5	289 440	0.4	1 013 613	1.6	1 489 821	2.3	14 309	0.0	556 959	1.0
1978	5 408 206	8.2	2 525 771	3.8	15 679 922	23.9	195 022	0.3	84 801	0.1	1 318 178	2.0	1 386 969	2.1	7 214	0.0	942 021	1.4
1979	7 790 521	11.8	2 502 543	3.8	15 118 140	22.8	261 667	0.4	313 224	0.5	1 522 882	2.3	1 492 636	2.3	152 891	0.2	741 087	1.1
1980	7 292 903	12.2	1 434 884	2.4	11 417 850	19.2	276 158	0.5	215 696	0.4	1 153 395	1.9	1 417 627	2.4	157 181	0.3	651 905	1.1
1981	6 543 019	11.1	971 038	1.6	13 735 690	23.3	198 725	0.3	224 838	0.4	1 050 200	1.8	1 762 967	3.0	28 233	0.0	843 647	1.4
1982	7 141 242	14.6	756 836	1.5	7 016 008	14.3	142 492	0.3	130 449	0.3	115 435	0.2	1 419 270	2.9	3 013	0.0	629 861	1.3
1983	5 494 597	11.0	683 081	1.4	9 229 290	18.4	76 849	0.2	203 063	0.4	402 008	0.8	1 455 070	2.9	-	0.0	550 870	1.1
1984	6 603 148	12.2	858 598	1.6	10 088 727	18.7	157 206	0.3	183 736	0.6	537 585	1.0	1 725 967	3.2	-	0.0	694 588	1.3
1985	5 807 694	13.9	921 887	2.2	6 788 799	16.2	162 410	0.4	176 291	0.4	815 313	1.9	1 521 180	3.6	-	0.0	931 702	2.2
1986	5 775 521	13.9	993 268	2.4	5 839 484	14.0	161 366	0.4	82 436	0.2	1 005 908	2.4	1 882 656	4.5	-	0.0	1 026 770	2.5
1987	5 644 283	13.2	822 061	1.9	6 180 641	14.5	164 766	0.4	89 372	0.2	889 303	2.1	1 766 446	4.1	-	0.0	952 116	2.2
1988	7 029 061	16.1	1 638 341	3.8	7 083 883	16.3	240 823	0.6	226 492	0.5	1 007 689	2.3	1 672 709	3.8	-	0.0	1 193 457	2.7
TOTAL	199 194 782	13.5	23 366 995	1.6	361 181 022	24.4	5 402 839	0.4	4 593 435	0.3	28 755 058	1.9	33 217 125	2.2	942 065	0.1	20 961 916	1.4

SELECTED PROCESSED COMMODITIES
1959-1988

WELLAND CANAL SECTION													
YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		OTHER PROCESSED
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES
1959	259 174	1.0	750 131	3.0	128 333	0.5	100 623	0.4	95 169	0.4	344 447	1.4	1 974 079
1960	279 785	1.1	667 419	2.5	121 873	0.5	102 158	0.4	49 435	0.2	544 917	2.1	1 758 693
1961	283 635	1.0	754 062	2.6	109 633	0.4	92 682	0.3	222 802	0.8	418 834	1.5	1 996 052
1962	192 190	0.6	808 841	2.5	127 568	0.4	116 512	0.4	144 569	0.5	539 807	1.7	1 939 207
1963	176 450	0.5	701 034	1.9	134 464	0.4	106 442	0.3	117 196	0.3	672 541	1.8	2 358 358
1964	208 715	0.4	836 498	1.8	224 280	0.5	124 082	0.3	224 232	0.5	1 004 994	2.2	2 304 690
1965	235 011	0.5	956 654	2.0	177 131	0.4	116 799	0.2	278 403	0.6	2 525 184	5.2	2 507 331
1966	244 868	0.5	954 253	1.8	216 195	0.4	106 094	0.2	298 780	0.6	2 540 418	4.7	2 689 511
1967	285 033	0.6	1 086 671	2.3	263 173	0.5	93 715	0.2	209 568	0.4	2 841 508	5.9	2 444 505
1968	257 688	0.5	1 174 870	2.2	230 350	0.4	107 159	0.2	220 931	0.4	4 709 013	8.9	2 475 265
1969	352 033	0.7	1 146 095	2.4	292 246	0.6	138 931	0.3	216 571	0.4	3 803 564	7.8	2 565 835
1970	233 117	0.4	1 372 448	2.4	268 746	0.5	136 366	0.2	274 315	0.5	3 750 360	6.6	2 325 988
1971	151 885	0.3	1 113 684	1.9	319 204	0.6	133 471	0.2	107 710	0.2	5 424 560	9.5	2 589 796
1972	164 688	0.3	1 249 948	2.1	364 950	0.6	146 998	0.3	157 159	0.3	4 765 548	8.2	2 539 394
1973	114 049	0.2	1 956 435	3.2	378 719	0.6	138 512	0.2	129 732	0.2	3 654 937	6.0	2 346 508
1974	152 956	0.3	1 069 157	2.3	302 171	0.6	108 596	0.2	118 717	0.2	2 980 512	6.3	1 634 820
1975	155 079	0.3	1 032 553	1.9	343 033	0.6	130 026	0.2	111 620	0.2	2 012 942	3.7	1 599 488
1976	211 048	0.4	725 982	1.2	395 371	0.7	95 209	0.2	114 773	0.2	2 673 885	4.6	1 745 493
1977	110 002	0.2	958 013	1.5	450 723	0.7	101 782	0.2	148 565	0.2	4 715 500	7.2	2 007 746
1978	105 257	0.2	910 793	1.4	577 389	0.9	158 056	0.2	231 298	0.4	3 398 295	5.2	2 249 169
1979	232 261	0.4	1 674 771	2.5	600 267	0.9	180 811	0.3	122 742	0.2	2 888 762	4.4	2 722 031
1980	173 677	0.3	1 664 553	2.8	599 824	1.0	281 625	0.5	192 653	0.3	1 308 997	2.2	1 684 135
1981	150 538	0.3	1 821 541	3.1	594 420	1.0	253 467	0.4	191 674	0.3	2 390 026	4.1	1 580 717
1982	173 991	0.4	1 072 472	2.2	687 433	1.4	210 657	0.4	141 993	0.3	1 730 220	3.5	1 472 139
1983	218 092	0.4	835 488	1.7	508 286	1.0	252 866	0.5	150 896	0.3	2 782 095	5.5	1 480 605
1984	251 160	0.5	678 186	1.3	505 130	0.9	130 189	0.2	218 538	0.4	3 962 917	7.4	1 053 561
1985	141 601	0.3	628 613	1.5	607 910	1.5	170 520	0.4	89 263	0.2	3 094 923	7.4	1 710 966
1986	186 564	0.4	603 625	1.5	776 373	1.9	225 014	0.5	71 730	0.2	2 850 070	6.8	1 850 273
1987	97 982	0.2	569 051	1.3	627 657	1.5	159 538	0.4	104 815	0.2	2 674 513	6.2	1 869 021
1988	126 537	0.3	669 756	1.5	801 269	1.8	112 888	0.3	82 921	0.2	3 034 185	7.0	1 566 387
TOTAL	5 925 066	0.4	30 443 597	2.1	11 734 121	0.8	4 331 788	0.3	4 838 770	0.3	80 038 474	5.4	60 841 763

CARGO TONNES BY ORIGIN-DESTINATION
1959-1988

HISTORICAL TABLE 26W										WELLAND CANAL SECTION									
FROM: TO:		UPBOUND					DOWNBOUND					TOTAL							
		CANADA		U.S.A.		OVERSEAS	CANADA		U.S.A.		OVERSEAS								
CANADA	U.S.A.	CANADA	U.S.A.	CANADA	U.S.A.	OVERSEAS	CANADA	U.S.A.	CANADA	U.S.A.	OVERSEAS	CANADA	U.S.A.	OVERSEAS					
1959	1 115 120	6 297 065	82 953	293 306	59 305	918 351	4 802 355	80 567	469 049	7 716 059	615 268	2 531 346	24 980 744						
1960	1 128 138	5 241 759	40 376	282 613	100 504	802 209	4 937 327	30 655	775 128	8 998 712	663 453	3 533 998	26 534 872						
1961	1 205 974	4 552 848	15 654	235 570	60 978	884 925	6 947 102	3 116	692 425	9 254 630	637 266	4 044 828	28 535 316						
1962	1 250 787	7 202 802	-	282 513	51 899	1 048 921	5 786 420	20 879	594 116	10 687 787	671 072	4 522 862	32 120 058						
1963	1 065 020	9 095 379	8 336	316 217	97 118	1 349 650	7 506 977	4 812	703 837	13 089 801	580 084	3 652 652	37 469 883						
1964	1 135 279	13 401 801	-	301 867	165 850	1 815 631	9 918 392	18 571	671 260	13 549 111	568 197	5 072 913	46 618 872						
1965	1 273 324	12 954 679	9 381	264 360	159 469	3 435 873	8 886 907	55 770	955 760	14 281 667	550 077	5 634 702	48 461 969						
1966	1 504 250	14 897 621	6 616	240 780	156 800	3 667 671	11 442 371	64 470	826 390	14 012 718	652 542	6 298 120	53 770 349						
1967	1 347 421	14 753 687	-	233 488	109 606	3 880 620	7 723 016	24 269	1 113 772	12 962 617	673 354	5 086 041	47 907 891						
1968	1 443 938	16 082 652	18 693	271 751	159 138	5 775 299	7 109 710	33 599	672 237	15 050 893	551 672	5 514 910	52 684 492						
1969	1 545 655	11 224 129	-	243 235	234 364	4 332 753	7 125 220	3 281	554 247	16 488 126	530 487	6 282 218	48 563 715						
1970	1 459 051	13 266 645	-	197 167	169 398	4 115 657	12 761 329	21 187	928 721	17 603 899	597 265	5 998 527	57 118 846						
1971	1 250 914	11 646 945	14 148	124 038	274 450	6 281 135	14 119 566	22 429	1 426 486	13 424 330	553 492	8 067 538	57 205 471						
1972	1 529 106	11 598 189	3 062	122 100	253 882	5 653 843	14 209 642	31 634	1 543 663	14 027 283	482 875	8 780 144	58 235 483						
1973	1 360 819	15 191 099	16 010	133 894	263 484	4 548 125	13 044 640	56 629	1 064 502	15 969 464	383 701	8 925 622	60 957 989						
1974	1 115 237	12 989 535	14 825	105 871	127 623	3 926 881	11 408 373	40 526	1 153 118	12 040 674	266 985	4 310 509	47 500 157						
1975	1 063 176	12 937 855	6 960	91 465	152 129	2 885 990	14 276 732	187 201	1 032 563	15 300 479	245 823	6 113 748	54 294 121						
1976	793 973	18 007 031	-	80 512	182 936	4 221 402	13 559 582	64 018	1 214 787	13 707 867	262 542	6 273 795	58 368 445						
1977	1 170 445	19 005 288	-	48 250	280 044	6 862 860	15 025 766	112 987	1 509 578	13 082 569	232 512	7 747 147	65 077 446						
1978	832 691	13 610 818	69 081	90 068	352 631	6 302 488	15 439 037	130 255	1 715 041	15 531 028	265 653	11 332 201	65 670 992						
1979	713 125	13 958 502	32 339	85 347	295 577	5 201 260	14 731 414	218 802	1 804 230	19 052 463	185 848	9 885 639	66 164 546						
1980	858 093	9 054 074	-	72 106	237 349	1 764 726	16 674 572	415 745	2 796 075	20 154 080	439 287	7 139 874	59 605 981						
1981	995 939	12 139 082	-	47 526	490 256	2 929 077	15 787 684	568 445	2 564 578	17 282 339	196 683	5 849 266	58 850 875						
1982	481 542	5 772 584	13 788	2 817	304 437	2 249 304	17 634 072	366 136	2 370 138	13 795 173	132 747	5 901 366	49 024 104						
1983	768 254	7 919 235	11 037	23 119	321 833	3 261 849	19 277 286	235 853	1 985 059	10 333 512	130 482	5 877 567	50 145 086						
1984	710 699	8 142 640	10 538	16 693	446 830	4 752 393	18 286 055	393 063	1 700 224	12 851 014	93 878	6 512 831	53 916 858						
1985	660 510	6 159 577	14 354	21 155	349 026	3 682 879	13 012 693	574 427	1 408 901	10 685 635	25 667	5 256 936	41 851 760						
1986	685 615	5 421 405	25 806	42 203	385 297	3 663 704	13 740 632	373 826	1 535 231	9 956 539	80 212	5 702 300	41 612 770						
1987	826 032	6 708 652	34 818	20 893	403 273	3 436 375	14 652 471	381 343	1 726 559	9 341 713	34 030	5 158 596	42 724 755						
1988	1 021 144	6 877 770	21 078	21 305	806 021	3 616 674	11 780 819	387 883	1 733 560	12 464 213	64 567	4 741 283	43 536 317						
TOTAL	32 311 271	326 111 348	469 853	4 312 229	7 451 507	107 268 525	361 608 162	4 922 438	39 241 235	402 696 395	11 367 721	181 749 479	1 479 510 163						